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QUARTERLY

Catalogue Number

FOR THE SCHOOL YEAR
1933-1934

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1933

JANUARY							APRIL							JULY							OCTOBER						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
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8	9	10	11	12	13	14	2	3	4	5	6	7	8	2	3	4	5	6	7	8	8	9	10	11	12	13	14
15	16	17	18	19	20	21	9	10	11	12	13	14	15	9	10	11	12	13	14	15	15	16	17	18	19	20	21
22	23	24	25	26	27	28	16	17	18	19	20	21	22	16	17	18	19	20	21	22	22	23	24	25	26	27	28
29	30	31					23	24	25	26	27	28	29	23	24	25	26	27	28	29	29	30	31				
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FEBRUARY							MAY							AUGUST							NOVEMBER						
			1	2	3	4		1	2	3	4	5	6		1	2	3	4	5				1	2	3	4	
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12	13	14	15	16	17	18	14	15	16	17	18	19	20	13	14	15	16	17	18	19	12	13	14	15	16	17	18
19	20	21	22	23	24	25	21	22	23	24	25	26	27	20	21	22	23	24	25	26	19	20	21	22	23	24	25
26	27	28					28	29	30	31				27	28	29	30	31			26	27	28	29	30		
MARCH							JUNE							SEPTEMBER							DECEMBER						
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19	20	21	22	23	24	25	18	19	20	21	22	23	24	17	18	19	20	21	22	23	17	18	19	20	21	22	23
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1934

JANUARY							APRIL							JULY							OCTOBER						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
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21	22	23	24	25	26	27	22	23	24	25	26	27	28	22	23	24	25	26	27	28	21	22	23	24	25	26	27
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FEBRUARY							MAY							AUGUST							NOVEMBER						
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25	26	27	28				27	28	29	30	31			26	27	28	29	30	31		25	26	27	28	29	30	
MARCH							JUNE							SEPTEMBER							DECEMBER						
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4	5	6	7	8	9	10	3	4	5	6	7	8	9	2	3	4	5	6	7	8	2	3	4	5	6	7	8
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18	19	20	21	22	23	24	17	18	19	20	21	22	23	16	17	18	19	20	21	22	16	17	18	19	20	21	22
25	26	27	28	29	30	31	24	25	26	27	28	29	30	23	24	25	26	27	28	29	23	24	25	26	27	28	29
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Church School Officers

GENERAL CHURCH BOARD OF EDUCATION

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RUDGER CLAWSON	ADAM S. BENNION
JOSEPH FIELDING SMITH	JOSEPH F. MERRILL
ARTHUR WINTER, Secretary-Treasurer	

CHURCH COMMISSIONER OF EDUCATION

JOSEPH F. MERRILL

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J. WM. KNIGHT	SYLVESTER Q. CANNON
STEPHEN L. CHIPMAN	LEAH D. WIDTSOE
EDWARD H. HOLT, Secretary-Treasurer	

EXECUTIVE COMMITTEE

THOMAS N. TAYLOR	J. WM. KNIGHT
STEPHEN L. CHIPMAN	

University Calendar

1933

AUTUMN QUARTER

September 18—First Faculty Meeting. Opening of Training School.

September 22 and 23—Registration days. Freshman instructions and examinations.

September 25—Registration continued.

September 26—Instruction begins.

October 16—Founder's Day.

November 29 to December 4 (Wednesday evening until Monday morning)—Thanksgiving Recess.

December 22—Autumn Quarter closes.

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January 8—Winter Quarter begins.

January 29 to February 2—Leadership Week.

March 23—Winter Quarter closes.

SPRING QUARTER

March 26—Spring Quarter begins.

June 3—Baccalaureate services.

June 5—Alumni Reunions.

June 6—Fifty-Eighth Commencement Exercises.

June 11—Summer Quarter begins.

Administrative Officers

Franklin S. Harris.....	President
Kiefer B. Sauls.....	Secretary to the President Purchasing Agent
Edward H. Holt	Secretary-Treasurer
Carma Ballif.....	Assistant in Secretary's Office
John E. Hayes	Registrar
Christen Jensen.....	Dean of the Graduate School
Carl F. Eyring.....	Dean of the College of Arts and Sciences
Herald R. Clark.....	Acting Dean of the College of Commerce
Amos N. Merrill.....	Acting Dean of the College of Education
Gerrit de Jong, Jr.....	Dean of the College of Fine Arts
Lowry Nelson....	Dean of the College of Applied Science Director Extension Division
Hugh M. Woodward.....	Dean of the Summer Session
Nettie Neff Smart	Dean of Women
Lloyd L. Cullimore.....	Medical Director
Edgar M. Jensen.....	Director Training Schools
Anna Ollorton	Librarian

The Faculty*

FRANKLIN STEWART HARRIS.....President

B. S., Brigham Young University, 1907; Ph. D., Cornell University, 1911; Student University of Paris, 1927; Instructor, Juarez Academy, 1904-05; Assistant Chemist, Utah Experiment Station, 1907-08; Instructor in Soils, Cornell University, 1907-08; Professor of Agronomy, Utah Agricultural College and Agronomist Utah Experiment Station, 1911-21; Director School Agricultural Engineering and Mechanic Arts, 1912-16; Director Utah Experiment Station, 1916-21; President Brigham Young University, 1921—.

JOHN C. SWENSON.....Professor of Economics and Sociology

A. B., Stanford University, 1898; M. A., Columbia University, 1921; Graduate work, Columbia University, Summer of 1924; Assistant Professor of English, Brigham Young University, 1898-99; Professor of History and Economics, 1899-1900; Dean of College of Education, 1921-24; Professor of Economics and Sociology, 1906—.

CHARLES E. MAW.....Professor of Chemistry

A. B., Stanford University, 1903; S. M., University of Chicago, 1916; Ph. D., Stanford University, 1924 Graduate work, Columbia University, 1916; University of California, 1923; Professor of Chemistry, Brigham Young University, 1903—.

ALFRED OSMONDProfessor of English, Emeritus

A. B., Harvard University, 1903; M. A., Columbia University, 1920; Graduate work, University of Chicago, Summer of 1913; Columbia University, Summer of 1920 and the school year 1930-31; Professor of English, Brigham Young University, 1903—.

CHRISTEN JENSEN.....Professor of History and Political Science, Dean of Graduate School

A. B., University of Utah, 1907; A. M., Harvard University, 1908; Ph. D., University of Chicago, 1921; Graduate work, University of California, Summer of 1915; Study in Europe, 1928; Assistant Professor of History and Political Science, Brigham

*The University Council consists of the President and all members of the faculty with the rank of professor, associate professor, or assistant professor.

Young University, 1908-11; Professor, 1911—; Acting Dean College of Applied Science, 1924-29; Dean Graduate School, 1929—.

ELBERT H. EASTMOND.....Professor of Art

Diploma in Normal Art and Manual Training, Pratt Institute, 1902; B. Pd., Brigham Young University, 1906; Student, California School of Fine Arts, Summer, 1915; University of California, and California School of Arts and Crafts, Summers of 1916 and 1923; Rionido School of Art, Summer of 1918; University of Washington, 1923; European Travel Study, 1924; Professor of Art, Brigham Young University, 1904—.

**AMOS N. MERRILL.....Professor of Secondary Education
Acting Dean of College of Education**

B. S., Utah Agricultural College, 1896; M. S., University of Illinois, 1908; Ph. D., Stanford University, 1926; Professor of Agriculture, Brigham Young College, 1905-09; Professor of Agriculture, Brigham Young University, 1910-22; Dean of Church Teachers' College, 1917-23; Professor of Secondary Education and Supervisor of Secondary Training, 1924—.

**EDWARD H. HOLT.....Professor of Office Practice,
Secretary of the Faculty**

B. Pd., Brigham Young University, 1895; Assistant Professor, 1895-1902; Professor of Business Education, 1902-21; Professor of Office Practice, 1921—.

ALICE L. REYNOLDS.....Professor of English Literature

A. B., Brigham Young University, 1910; Graduate work, University of London, 1911; Two years Graduate work, European Universities; University of California, 1923; Columbia University, 1932-33; Instructor in English, Brigham Young University, 1894-1911; Professor of English Literature, Brigham Young University, 1911—.

**CARL F. EYRING.....Professor of Physics and Mathematics
Dean of the College of Arts and Sciences**

A. B., Brigham Young University, 1912; M. A., University of Wisconsin, 1915; Ph. D., California Institute of Technology, 1924; Assistant in Physics, University of Wisconsin, 1914-15; Assistant in Physics, California Institute of Technology, 1922-23; Research Specialist, Bell Telephone Laboratories, 1929—.

31; Assistant in Physics, Brigham Young University, 1910-12; Instructor, 1912-14; Assistant Professor, 1915-17; Professor of Physics and Mathematics, 1917—; Dean of the College of Arts and Sciences, 1924—.

VILATE ELLIOTT.....Professor of Home Economics

B. Pd., Brigham Young University, 1895; Graduate work Pratt Institute 1907-08; Student State Normal School Santa Barbara, California, 1919-20; University of Chicago, 1922; Study in Europe, 1924-25; Floating University, 1930-31; Professor of Home Economics, Brigham Young University, 1908—.

**BENJAMIN F. CUMMINGS.....Professor of Modern and
Classical Languages**

A. B., University of Utah, 1913; Graduate work University of Utah, 1920-22; University of Chicago, Summer of 1922; Stanford University, 1923-24; University of Paris, 1930-31; Instructor Modern Languages, Latter-day Saints University, 1910-12; 1914-20; Instructor Modern Languages, University of Utah, 1913-14; Professor of Modern and Classical Languages, Brigham Young University, 1920—.

FLORENCE JEPPEPERSON MADSEN.....Professor of Music

Music Diploma, Brigham Young University, 1905; Diploma, New England Conservatory of Music, 1909; Diploma, Chicago Musical College, 1925; B. M., 1926; M. M., 1927; Doctor of Music, Boguslawski College of Music, 1932; Graduate Work in Music, New England Conservatory of Music, 1909-10; Private work, New York, 1919-20; Director, Vocal Department, Lasalle Seminary, Boston, 1911-16; Instructor in Vocal Art, L. D. S. School of Music and Weber College, 1916-18; Instructor Chicago Musical College Summers of 1927-28; Brigham Young University, 1910-11; 1916-18; Professor of Music, 1920—; Director of Music Mission Play, California, 1928-29; Director of Music, The McGroarty Plays, California, 1930.

THOMAS L. MARTIN.....Professor of Agronomy

A. B., Brigham Young University, 1912; Ph. D., Cornell University, 1919; Study in Europe, 1930; Principal, Big Horn Academy, 1912-15; Emery Stake Academy, 1916-17; Millard Academy, 1919-21; Instructor in Soils, Cornell University, 1917-19; Pro-

fessor of Agronomy, Brigham Young University, 1921—.

HUGH M. WOODWARD.....Professor of Philosophy of Education, Dean of Summer Session

A. B., Brigham Young University, 1911; M. A., University of Utah, 1918; Ph. D., University of California, 1920; Principal, St. George Academy, 1911-14; President Dixie Normal College, 1914-20; Fellow-Teacher, University of California, 1919-20; Assistant Director Educational Work, Bureau of Public Health, Washington, D. C., 1920-21; Professor of Education, University of Washington, Summer of 1925; Dean of Summer Session, Brigham Young University, 1921-27; 1930—; Professor on University Afloat, 1928-29; Professor of Philosophy of Education, Brigham Young University, 1921—.

WILLIAM J. SNOW.....Professor of History

A. B., Brigham Young University, 1919; Ph. D., University of California, 1923; Principal, Uintah Stake Academy, 1906-08; Instructor in History, Brigham Young University, 1910-15; Assistant Professor of History, 1915-17; Professor of History, 1917—.

T. EARL PARDOE.....Professor of Speech

Graduate of Leland Powers School, 1913; A. B., Brigham Young University, 1925; Graduate work Columbia University, 1924-25; Speech Correction, University of Southern California, 1929-31; M. A., University of Southern California, 1932; Head of Department of Dramatic Art and Public Speaking, Weber Normal College, 1915-18; Associate Professor of Public Speaking and Dramatic Art, Brigham Young University, 1920-22; Professor, 1922—.

M. WILFORD POULSON.....Professor of Psychology

A. B., Brigham Young University, 1914; M. A., University of Utah, 1919; Graduate work, University of Chicago, 7½ Quarters from 1916 to 1925; Assistant Professor of Education, Brigham Young University, 1916-19; Associate Professor, 1919-22; Associate Professor of Psychology, 1922-23; Professor, 1923—.

VASCO M. TANNER.....Professor of Zoology and Entomology

A. B., Brigham Young University, 1915; M. A., University of Utah, 1920; Ph. D., Stanford Univer-

sity, 1925; Head of Department of Biology, Dixie College, 1916-18, 1920-24; Professor of Zoology and Entomology, Brigham Young University, 1925—.

**HERALD R. CLARK.....Professor of Finance and Banking,
Acting Dean of the College of Commerce**

A. B., Brigham Young University, 1918; M. B. A., University of Washington, 1924; Graduate work Ohio State University, 1927-28; Instructor in Accounting, Brigham Young University, 1913-17; Assistant Professor of Finance and Banking, 1917-27; Associate Professor of Finance and Banking, 1927-28; Professor, 1928—.

PARLEY A. CHRISTENSEN.....Professor of English

B. S., Utah Agricultural College, 1914; A. M., Stanford University, 1925; Ph. D., Stanford University, 1927; Student University of California, Summer of 1915; Assistant Professor of English, Brigham Young College, 1917-25; Professor of English, Brigham Young College, 1925-26; Associate Professor of English, Brigham Young University, 1927-28; Professor, 1928—.

**G. OTT ROMNEY.....Professor of Physical Education
and Director of Athletics**

A. B., University of Utah, 1912; M. A., University of Utah, 1913; Harvard University, Graduate School of Business Administration, 1913-14; B. S., Montana State College, 1916; Athletic Coach and Instructor, Billings (Montana) High School, 1916-1918; U. S. Naval Aviation, 1918-19; Director Physical Education and Athletic Coach, East Salt Lake High School, 1919-1922; Director of Athletics, Professor of Physical Education and Vice-Dean of Men, Montana State College, 1922-28; Instructor (History, Government, Economics) Montana State Normal College, Summers of 1926-27-28; Professor of Physical Education and Director of Athletics, Brigham Young University, 1928—.

**GERRIT de JONG, JR.....Professor of Modern Languages
Dean of College of Fine Arts**

A. B., University of Utah, 1920; M. A., 1925; Graduate work, National University of Mexico, 1921; University of Utah, Summers of 1923 to 1925; University of Munich, 1927; Stanford University the school year 1931-32; Instructor Murdock Academy, 1916—.

18; Instructor, Latter-Day Saints University, 1919-25; Associate Professor of Modern Languages, Brigham Young University, 1925-29; Professor 1929—; Dean of College of Fine Arts, Brigham Young University, 1925—.

LOWRY NELSON.....**Professor of Rural Social Economics,
Dean College of Applied Science,
Director of Extension Division**

B. S., Utah Agricultural College, 1916; M. S., University of Wisconsin, 1924; Ph. D., University of Wisconsin, 1929; Assistant State Leader County Agents, Utah Agricultural College, 1917-1918; Editor Utah Farmer, 1920-1921; Director of Extension Division, Brigham Young University, 1921—; Assistant Professor of Sociology, 1924-27; Associate Professor of Sociology, 1927-29; Professor of Rural Social Economics and Dean of College of Applied Science, Brigham Young University, 1929—.

GEORGE H. HANSEN.....**Professor of Geology and Geography**

B. S., Utah Agricultural College, 1918; M. S., George Washington University, 1925; Ph. D. Geology Washington University, 1927; Field Work with U. S. Geological Survey, Summers of 1918, 1925, 1926 in Utah, Colorado and New Mexico; Assistant Professor of Geology and Geography, Brigham Young University, 1927-29; Professor of Geology and Geography, 1929—.

ELMER MILLER.....**Professor of Economics**

A. B., Stanford University, 1914; Graduate work, Stanford University, 1914-15; 1929-30; University of Chicago, Summers of 1916 and 1919; University of California, Summers of 1918 and 1921; Instructor Dixie Normal College, 1911-12; Principal Pleasant Grove High School, 1915-16; Principal South Sanpete High School, 1916-17; Lehi High School, 1917-19; Davis County High School, 1919-22; Superintendent Alpine School District, 1922-25; Associate Professor of Economics, Brigham Young University, 1923-29; Professor of Economics, 1930—.

MILTON MARSHALL.....**Professor of Physics**

A. B., Brigham Young University, 1918; Ph. D., University of Chicago, 1924; Instructor of Physics, Brigham Young University, 1919-21; Assistant Professor, 1924-27; Associate Professor, 1927-30; Professor, 1930—.

GUY C. WILSON.....Professor of Religious Education

B. Pd., Brigham Young University, 1900; Summer Schools of Brigham Young University, University of Utah, University of Chicago, Columbia University; Instructor, Brigham Young University, 1896-97; Columbia University the school year, 1912 to 1913; Principal Juarez Stake Academy, 1897-1912; Teacher of Granite Seminary, 1913-15; President Latter-Day Saints University, 1915-26; Supervisor of Religious Education, 1926-30; Professor of Religious Education, Brigham Young University, 1930—.

BENT F. LARSEN.....Professor of Art

A. B., Brigham Young University, 1912; M. A., University of Utah, 1922; Student of University of Chicago, Summer of 1912; of Art Institute of Chicago, Summer of 1922; Graduate work, Academie Julian, Paris, 1923-24; Academie Colarossi, Paris, 1923; Academie de La Grande Chaumiere, Paris, 1924; Student in Europe for sixteen months, 1929-30, with George Elmer Brown Art Group and in the Academie Andre' L'Hote; Supervisor of Art, B. Y. U. Training School, 1908-12; Associate Professor of Art, 1912-1931; Professor of Art, 1931—.

LEROY J. ROBERTSON.....Professor of Music

Graduate of New England Conservatory of Music, 1923; A. B., Brigham Young University, 1932; M. A., Brigham Young University, 1932; Study in Europe, 1932-33; Instructor North Cache High School, 1923-24; Pleasant Grove High School, 1924-25; Instructor of Music, Brigham Young University, 1924-26; Assistant Professor of Music, 1926-27; Associate Professor of Music, 1927-31; Professor of Music, 1931—.

HARRISON R. MERRILL.....Professor of Journalism

B. S., Utah Agricultural College, 1916; Graduate work, Utah Agricultural College, 1920; Brigham Young University, Summers of 1921 to 1923; Medill School of Journalism, Northwestern University, 1927; M. S., Pulitzer School of Journalism, Columbia University, 1930; Instructor in English, Oneida Academy, 1912-20; Instructor in English, Brigham Young University, 1921-23; Assistant Professor, 1923-29; Associate Professor of English, 1930-31; Professor of Journalism, 1931—.

FRANKLIN MADSEN.....Professor of Music

Graduate, New England Conservatory of Music, 1915; student of European Music Teachers, 1912-13-14 and 1923; A. B., Brigham Young University, 1925. M. A., Brigham Young University, 1931. From the Chicago Musical College, Graduate Diploma, 1925; Teachers' Certificate in Vocal Art and Singing, 1927; B. M., 1926, M. M., 1927; B. M. E., 1928; Mus. Doc., 1929; M. M. E. (Master of Music Education), 1932; Honorary Doctor of Music Education from Bogulawski College of Music, 1933; Supervisor of Music Jordan District and Instructor in Music Jordan High School, 1916-17; Supervisor of Music Nebo District and Instructor in Music Springville High School, 1917-18; Magna High School, 1919-20; Instructor Chicago Musical College, Summers of 1927-28-29-30-31-32, and the winter of 1927-28; Instructor in Music, Brigham Young University, 1920-24; Assistant Professor of Music, 1924-30; Associate Professor of Music, 1930-31; Professor of Music, 1931—.

GEORGE STEWART.....Special Professor of Agronomy

B. S., U. S. A. C., 1913; M. S. Cornell University, 1918; Ph. D., University of Minnesota, 1926; Professor of Agronomy, U. S. A. C., 1919-1930; Senior Ecologist, Branch Research U. S. Forest Service, 1930—; Special Professor of Agronomy, Brigham Young University, 1932—.

LLOYD L. CULLIMORE.....Medical Director

B. S., University of Utah, 1922; M. D., George Washington Medical College, 1925; Instructor in Physiology, George Washington Medical College, 1925-26; Utah State Board of Health, Epidemiology, Child Health Department, 1926-1927; Health Education, Brigham Young University, Summer of 1927; Assistant Medical Director, 1928-29; Medical Director, 1929—.

L. WESTON OAKS.....Associate Medical Director

M. D., Jefferson Medical College, 1919; Graduate work, Colorado Congress Otolaryngology, Denver, Summers of 1923, 1924, and 1925; Assistant Medical Director, Brigham Young University, 1924-1925; Medical Director, 1925-29; Associate Medical Director, 1929—.

ROBERT SAUER.....Associate Professor of Music

Graduate of Music School of Dresden, Germany; Student Siegel Meyer Music Conservatory of Chicago,

1905; Instructor of Music, Brigham Young University, 1905-20; Assistant Professor of Music, 1920-24; Associate Professor of Music, 1924—.

J. MARINUS JENSEN*.....Associate Professor of English

A. B., Brigham Young University, 1912; M. A., University of Chicago, 1919; Graduate work University of California, Summer of 1920; Stanford University, 1924-25; Instructor in English, Brigham Young University, 1910-19; Assistant Professor of English, 1919-21; Associate Professor, 1921—.

HORACE G. MERRILL.....Associate Medical Director

A. B., Brigham Young University, 1914; M. D., Jefferson Medical College, 1908; F. A. C. S., American College of Surgeons, 1922; Graduate work, University of Edinburgh, 1913; University of Pennsylvania, 1921-22; North Chicago Hospital, 1915-16; Associate Medical Director, Brigham Young University, 1922—.

**JOSEPH SUDWEEKS.....Associate Professor of
Educational Administration**

B. S., University of Idaho, 1912; M. A., University of Chicago, 1920; Ph. D., University of Wisconsin, 1925; Instructor and Supervisor of Training, U. S. Veterans' Bureau, University of Idaho, 1920-1923; Assistant in Department of Education, University of Idaho, 1920-21; Assistant Professor of Educational Administration, Brigham Young University, 1925-27; Associate Professor, 1927—.

**CLARENCE S. BOYLE.....Associate Professor of Accounting
and Business Administration**

B. S., Brigham Young University, 1924; M. S. in Retailing, New York University, 1926; Graduate work, New York University, Summer of 1926, Winter of 1926-27, Summer of 1927; Associate Professor of Accounting and Business Administration, Brigham Young University, 1927—.

EFFIE WARNICK.....Associate Professor of Home Economics

B. S., Utah Agricultural College, 1914; Graduate work, Summer of 1915; Columbia University, Summer of 1921; University of California, Summer of 1925; Graduate Work University of Chicago, 1928-1929; Instructor, Branch Agricultural College, 1914-

*On leave of absence.

15; Pleasant Grove High School, 1915-22; Instructor in Foods and Nutrition, Brigham Young University, 1922-23; in Household Administration, 1923-27; Assistant Professor 1927-30; Associate Professor, 1930—.

WAYNE B. HALES.....**Associate Professor of
Physics and Mathematics**

A. B., Brigham Young University, 1916; M. A., University of Utah, 1922; Ph. D., California Institute of Technology, 1926; Head of Physics and Mathematics Department, Ricks College, 1916-21; President, Snow College, 1921-1924; Teaching Fellow, California Institute, 1924-1926; Head of Physics Department, Weber College, 1926-30; Associate Professor of Physics, Brigham Young University, 1930—.

LAVAL S. MORRIS.....**Associate Professor of
Landscape Architecture**

B. S., Utah Agricultural College, 1923; M. S., Michigan State College, 1926; Graduate work, University of Southern California, 1930; at Harvard, 1930-33; Instructor in Horticulture, Brigham Young University, 1923-26; Assistant Professor, 1926-31; Associate Professor, 1931—.

ASAEL C. LAMBERT*.....**Associate Professor of
Educational Administration**

B. S., Brigham Young University, 1925; M. S., 1926; Graduate work Stanford University Summer quarters, 1928-29-30; Superintendent of Public Instruction, Fremont County, Idaho, 1923-24; Instructor, Brigham Young University, 1924-27; Principal, University High School, 1926-28; Assistant Professor of Secondary Teaching, 1927-32; Associate Professor, 1932—.

SIDNEY B. SPERRY.....**Associate Professor of
Religious Education**

A. B., University of Utah, 1917; M. A., University of Chicago, 1926; Ph. D., University of Chicago, 1931; Graduate work, American School of Oriental Research, Jerusalem, Palestine, 1931-32; Principal American Fork Seminary, 1922-24; Weber Seminary, 1924-25; Moroni Seminary, 1925-26; Pocatello Seminary and Institute, 1927-28; Director L. D. S. Institute, Moscow, Idaho, 1929-31; Associate Professor, Brigham Young University, 1932—.

*On leave of absence.

MARY J. OLLORTON.....Assistant Professor of
Elementary Education

A. B., Brigham Young University, 1913; M. A.,
Columbia University, 1926; Graduate work, Univer-
sity of Chicago, 1913, 1914, and 1916; Columbia
University, 1913, and 1932-33; Director of Training
School, Brigham Young University, 1913-18; Assist-
ant Professor of Elementary Education, 1919—.

IDA SMOOT DUSENBERRY.....Assistant Professor of
Psychology

B. Pd., Brigham Young University, 1905; Kinder-
garten Normal Diploma, Brigham Young University,
1904; Graduate Chaurecey Hall College, Boston,
1908; Graduate Emerson College of Oratory, Bos-
ton, 1909; Graduate work Pestalozzi Froebel House,
Berlin, Germany, 1912-13; Graduate work Colum-
bia University, 1914-15, 1920-21; Summer School
work, Columbia University, 1915 and 1921, Univer-
sity of Washington, 1916; University of California,
1927; Study in Europe, 1919-20; Director of Kinder-
garten Training, Brigham Young University, 1910-
21; Assistant Professor Floating University, 1930-31;
Assistant Professor of Psychology, Brigham Young
University, 1921—.

HERMESE PETERSON.....Assistant Professor of
Elementary Education

B. S., Brigham Young University, 1928; Normal
Training Student, Brigham Young University; Brig-
ham Young College; Utah Agricultural College, 1906-
08; Columbia University, 1917; University of Utah,
1919; University of California, 1922; University of
Chicago, 1922-23; Primary Supervisor of Alpine
School District, 1908-12; Study in Europe, 1928;
Critic Teacher, Brigham Young University Training
School, 1912-20; Primary Supervisor, 1920-23; As-
sistant Professor of Elementary Teaching, 1923—.

WILLIAM H. BOYLE.....Assistant Professor of
Elementary Education

A. B., Brigham Young University, 1913; M. A., 1923;
Graduate work, University of California, 1917 and
1923; Graduate work, University of Southern Cali-
fornia, 1929-30; Principal, Brigham Young Univer-
sity High School, 1910-26; Assistant Professor of
Elementary Education, 1923—.

WILLIAM H. SNELL.....Assistant Professor of Mechanic Arts

A. B., Brigham Young University, 1918; Graduate work, Bradley Polytechnic Institute, Summer of 1919; Brigham Young University, Summers of 1924 and 1925; Instructor in English, Brigham Young University, 1915-17; Instructor in Woodwork, 1916-21; Assistant Professor of Mechanic Arts, 1921—.

**EMMA BROWN*.....Assistant Professor of
Elementary Education**

B. S., Columbia University, 1924; Student, University of Chicago, Summers of 1914 and 1918; Study in Europe, 1928; Critic Teacher, University of Utah, 1908-10; Primary Supervisor, Box Elder County, 1913-15; Nebo School District, 1917-22; Primary Supervisor, Brigham Young University Training School, 1923-25; Assistant Professor of Elementary Education, 1925—.

ED. M. ROWE.....Assistant Professor of English

A. B., Brigham Young University, 1923; Graduate work, Utah Agricultural College, Summer of 1924; Brigham Young University, 1924-25; University of Chicago, Summers of 1925 to 1929; University of Wales, 1931-33; Principal Spanish Fork High School, 1910-12; Instructor in English, Brigham Young University, 1924-27; Assistant Professor, 1927—.

**CHARLES J. HART.....Assistant Professor in Physical
Education and Athletics**

B. S., Utah Agricultural College, 1922; Graduate work, Utah Agricultural College, 1923; University of Wisconsin, Summer of 1925; M. A., New York University, 1932; Instructor Teton High School, 1923-25; Instructor in Physical Education and Athletics, Brigham Young University, 1925-27; Assistant Professor, 1927—.

**EDGAR M. JENSON.....Assistant Professor of Educational
Administration, Director of Training Schools**

A. B., Brigham Young University, 1916; M. A. Brigham Young University, 1919; Graduate work, Stanford University, 1926-27; Head of Department of Education, Dixie College, 1919-1923; President Dixie College, 1923-26; Instructor, Brigham Young University, 1927-28; Assistant Professor in Educational Administration and Principal University High School, 1928—; Director of Training Schools, 1930—.

*On leave of absence.

WILMA JEPPSON.....Assistant Professor of Physical Education for Women

B. S., Brigham Young University, 1927; Student University of California, Summer of 1921; University of Wisconsin, Summer of 1925; Columbia University, 1920-30; M. S., Columbia University, 1930; Instructor in Physical Education for Women, Brigham Young University, 1923-30; Assistant Professor, 1930—.

ALONZO J. MORLEY.....Assistant Professor of Speech

A. B., Brigham Young University, 1925; M. A., Brigham Young University, 1931; Teacher of Public Speaking and Dramatic Art, Uintah County High School, 1925-26; Head of Speech Department, Weber County High School, 1926-27; Instructor in Speech, Brigham Young University, 1928-30; Assistant Professor, 1930—.

WILLIAM F. HANSON.....Assistant Professor of Music

Music Diploma, Brigham Young University, 1907; Teacher's Certificate, Chicago Musical College, 1924; Private work with Xaver Schaswenka, Maurice Aronson, Felix Borowski, Dr. Carl Busch, and H. B. Maxyott, 1924; Supervisor High School Music, Vernal, 13 years; Supervisor Public School Music, Brigham Young University, 1924-25; Acting Head of Music Department, 1925-26, and Summer Sessions of 1925-26-27; Instructor in Music, 1926-31; Assistant Professor, 1931—.

H. GRANT IVINS.....Assistant Professor of Animal Husbandry

B. S., Utah State Agricultural College, 1917; Instructor in Animal Husbandry, Brigham Young University, 1929-31; Assistant Professor, 1931—.

KARL E. YOUNG.....Assistant Professor of English

B. S., Utah State Agricultural College, 1924; Graduate work at Harvard University, 1924-25; Student at Oxford, England, 1927 to 1930; Instructor in Logan High School, 1925-26; Instructor in English, Brigham Young University, 1930-31; Assistant Professor of English, 1932—.

A. REX JOHNSON.....Assistant Professor of Economics

B. S., Brigham Young University, 1924; M. A., George Washington University, 1931; Graduate work University of Washington, Summer of 1926, and George Washington University, 1931-33. Head of Business

Department, Provo High School, 1921-22; Fielding Academy, 1922-23; Instructor in Office Practice, Brigham Young University, 1924-31; Economist U. S. Civil Service Commission, 1930-33; Assistant Professor of Economics, 1933—.

JOSEPH K. NICHOLS.....**Assistant Professor of Chemistry**
A. B., Brigham Young University, 1916; M. A., Stanford University, 1924; President Dixie College, 1919-23, and 1926-33; Assistant Professor of Chemistry, Brigham Young University, 1933—.

RUSSELL SWENSON.....**Assistant Professor of Religious Education**
A. B., Brigham Young University, 1931; M. A., University of Chicago, 1931; Graduate work, University of Chicago, 1930-33; Principal L. D. S. Seminary, Mesa, Arizona, 1926-27; Principal L. D. S. Seminary at Kamas, Utah, 1927-28; Principal L. D. S. Seminary at Hurricane, 1928-30; Assistant Professor of Religious Education Brigham Young University, 1933—.

GEORGE S. BALLIF.....**Lecturer in Law**
A. B., Brigham Young University, 1921; Student Harvard Law School, 1921-22; J. D., University of California Law School, 1924; Lecturer in Law, Brigham Young University, 1929—.

JOHN E. HAYES.....**Registrar**
B. S., Brigham Young University, 1924; Instructor, Brigham Young University, 1903—; Registrar, 1904—.

ANNA OLLORTON.....**Librarian**
A. B., Brigham Young University, 1913; Graduate work, University of Chicago, 1914-15; University of Utah, Summer of 1914; Chautauqua, New York Summer School, 1919 and 1923; Columbia University 1930-31; Assistant Librarian Brigham Young University, 1919-23; Acting Librarian, 1923-31; Librarian, 1931—.

ANNIE L. GILLESPIE.....**Library Cataloguer**
Principal West School, Provo, 1883-84; Assistant Librarian, Brigham Young University, 1906-11; Librarian, 1912-23; Cataloguer, 1923—.

KIEFER B. SAULS.....**Secretary to the President, Purchasing Agent**
B. S., Utah Agricultural College, 1920; Graduate work, 1920-21; Secretary to Director, Utah Agricultural Experiment Station, 1917-21; Secretary to President and Purchasing Agent, Brigham Young University, 1921—.

- NETTIE NEFF SMART**.....Dean of Women
 Normal Diploma, Brigham Young University, 1898;
 Student, Cornell University, 1907-09; Instructor
 Provo High School, 1920-21; Provo City Schools,
 1921-25; Instructor Brigham Young University
 Training School, 1904-05; Dean of Women, 1925—.
- PERCIVAL P. BIGELOW**.....Instructor in Auto Mechanics
 Student University of Michigan, Summer of 1922;
 Brigham Young University, Summers of 1923, 1924,
 and 1925; Head Mechanic, Utah Packard Motor
 Company, 1916; Foreman, Superior Motor Co.,
 1917-18; Mechanic, Hudson Motor Car Company,
 Detroit, 1919; Instructor in Auto Mechanics, Brig-
 ham Young University, 1919—.
- BERTHA ROBERTS***.....Instructor in Office Practice
 A. B., Brigham Young University, 1926; Student
 Durango Business College, 1922; University of Utah,
 Summer of 1926; Instructor, Wasatch High School,
 1918-19; Instructor in Office Practice, Brigham
 Young University, 1919—.
- NEWBERN I. BUTT**.....Library and Research Assistant
 B. S., Utah Agricultural College, 1915; Graduate
 work, 1915-17; Assistant Agronomist, Utah Agricul-
 tural College, 1915-18; Library and Research Assist-
 ant, Brigham Young University, 1922—.
- ANNA EGBERT**.....Instructor in English
 B. S., Utah Agricultural College, 1921; Graduate
 work, Brigham Young University, Summers of 1922
 and 1923; Columbia University, 1925-26; 1930-31;
 Instructor North Cache High School, 1922-23; In-
 structor in Dramatic Art, Brigham Young University,
 1923-26; Instructor in English, 1926—.
- ELSIE C. CARROLL**.....Instructor in English
 B. S., Brigham Young University, 1926; M. S., Brig-
 ham Young University, 1928; Student, Cornell Uni-
 versity, 1914; University of Chicago, 1915; Stanford
 University, Summer of 1924; Head of English Depart-
 ment, Kanab High School, 1917-18; Provo High
 School, 1919-20; Instructor in English, Brigham
 Young University, 1926—.

*On leave of absence.

STELLA P. RICH.....Instructor in English

B. S., Brigham Young University, 1926; Instructor in the Public Schools of Utah and Idaho, 1911-1927; Student, University of Chicago, Summer of 1925; Instructor, Brigham Young University, Summer of 1926; Instructor in English, Brigham Young University, 1927—.

HUGH W. PETERSON.....Instructor in Chemistry

A. B., 1916; M. A., 1928, Brigham Young University; Student at University of Utah, 1916-17; at Utah State Agricultural College, 1924; at State University of Iowa, 1930-31; Teacher in High Schools of Wyoming and Utah, 1917-27; Instructor in Chemistry, Brigham Young University, 1927—.

ELLA LARSEN BROWN.....Assistant Librarian

Student Cook County Normal School, 1891-92; Columbia University, 1905-06; Primary Supervisor, Utah County Schools, 1900-1902; Director Brigham Young University Training School, 1902-1908; Assistant Librarian, Brigham Young University, 1923—.

FRED W. DIXON.....Instructor in Physical Education and Athletics

B. S., Brigham Young University, 1926; Instructor in Physical Education and Athletic Director at Weber County High School, 1926-28; Graduate work at U. A. C., Summer of 1928; Instructor in Physical Education and Athletics, Brigham Young University, 1928—.

C. LAVOIR JENSEN.....Instructor in Mathematics

Student Brigham Young College, 1916-18; University of Utah, 1914-15; Instructor Logan High School, 1915-16; Principal Midvale Schools, 1917-21; Instructor, Brigham Young University High School, 1921—.

GRACE NIXON STEWART.....Special Instructor in Speech

B. S., Brigham Young University, 1925; Student University of London, 1925-27; Special Instructor in Speech, Brigham Young University, 1928—.

GLADYS D. BLACK.....Instructor in English

Ph. B., University of Chicago, 1924; M. A., Columbia University, 1930; Instructor in English, Provo High School, 1924-26; Instructor in English, Central High School, Springfield, Illinois, 1927-28; Instructor in English, Brigham Young University, 1928—.

BILLIE HOLLINGSHEAD.....Instructor in Mathematics

A. B., Texas State College for Women, 1922; Graduate work Columbia University, Summer of 1925; M. A., Brigham Young University, 1929; Instructor in Valdez High School, Valdez, Alaska, 1922-23; Instructor in Star Valley High School, 1924-26; Instructor in Kohala High School, Kohala, Hawaii, 1927-28; Instructor in Brigham Young University High School, 1929—.

CARMA BALLIF.....Assistant in Secretary's Office

B. S., Brigham Young University, 1927; Assistant in Secretary's Office, 1927—.

MARGARET SUMMERHAYS.....Instructor in Music

Graduate of New England Conservatory of Music, 1916; Studied voice building with Fredrick H. Haywood, 1920 to 1923; with Mme. Sophie Cehanovske, summer of 1927; with Edmund G. Meyer, summer of 1928-29; Special Instructor in Music at Brigham Young University, 1927-29; Instructor in Music, 1930—.

MARGARET SWENSEN.....Instructor in Home Economics

B. S., Brigham Young University, 1926; Instructor in Richfield High School, 1926-29; Instructor in Brigham Young University, 1929—.

W. ELMO COFFMAN.....Instructor in Science

B. S., Utah State Agricultural College, 1920; M. S., Brigham Young University, 1932; Instructor in Payson High School, 1920-21; Instructor in Springville High School, 1921-28; Principal Minersville High School, 1928-29; Graduate work Brigham Young University, summer of 1927, and at University of Utah, summer of 1928. Instructor in Science, Brigham Young University, 1929—.

EDNA SNOW.....Instructor in Science

B. S., Brigham Young University, 1924; Graduate student University of California, 1928; M. S., Brigham Young University, 1931; Instructor in Science, Brigham Young University, 1929—.

ETTA SCORUP.....Instructor in Home Economics

B. S., Brigham Young University, 1927; graduate work Oregon Agricultural College, 1927, and at the University of Chicago, 1928-29; Instructor in Parowan High School, 1927-28; and in Weber County High School, 1929-30; Instructor in Home Economics, Brigham Young University, 1930—.

OA LLOYD.....Instructor in Office Practice

Assistant in Office Practice, Brigham Young University, 1928-30; Instructor 1931—.

C. LYNN HAYWARD.....Instructor in Zoology

B. S., Brigham Young University, 1927; M. S., Brigham Young University, 1931; Instructor in Fielding High School, 1927-30; Assistant in Zoology, Brigham Young University, 1930-31; Instructor, 1931—.

BERTRAND F. HARRISON.....Instructor in Botany

B. S., Brigham Young University, 1930; M. S., Brigham Young University, 1931; Graduate work University of Chicago summer of 1932; Assistant in Botany, Brigham Young University, 1930-31; Instructor in Botany, 1931—.

J. KNIGHT ALLEN*.....Instructor in Accounting and Business Administration

B. S., Brigham Young University, 1926; M. B. A., Stanford University, 1930; Special Instructor in Brigham Young University, 1930-31; Instructor in Accounting and Business Administration, 1931—.

GUSTAVE BUGGERT.....Instructor in Music

Graduate of Music School of Madgeburg, Germany; Instructor in Music, Brigham Young University, 1930—.

SETH T. SHAW.....Instructor in Horticulture

B. S., Utah State Agricultural College, 1931; M. A., Utah State Agricultural College, 1932; Instructor in Horticulture, Brigham Young University, 1931—.

NAOMI N. ROBERTSON.....Instructor in Home Economics

B. S., Utah State Agricultural College, 1924; Instructor Pleasant Grove High School, 1924-25; Instructor in Home Economics, Brigham Young University, 1932—.

MAY BILLINGS.....Instructor in Home Economics

Special student at summer schools of Columbia University, 1920; Brigham Young University, 1924;

*On leave of absence.

Utah State Agricultural College, 1926; University of California, 1928; Colorado Agricultural College, 1931; University of Utah, school year 1931-32; Instructor in Clothing, Latter-Day Saints University, 1920-31; Instructor in Home Economics, Brigham Young University, 1932—.

ALINE COLEMAN.....Instructor in Physical Education
for Women

B. S., Brigham Young University, 1933; Assistant in Physical Education for Women, Brigham Young University, 1929-32; Instructor, 1932—.

CARLTON CULMSEE.....Instructor in Journalism
and Secretary Extension Division

B. S., Brigham Young University, 1932; Secretary Extension Division, 1932; Instructor in Journalism, Brigham Young University, 1933—.

BEULAH STRICKLER.....Instructor in Office Practice
B. S., Brigham Young University, 1932; Instructor in Office Practice, Brigham Young University, 1933.

HAROLD COLVIN.....Assistant in Chemistry
A. B., Brigham Young University, 1931; Assistant in Chemistry, Brigham Young University, 1930—.

ALVA JOHANSEN.....Assistant in Chemistry
A. B., Brigham Young University, 1931; Assistant in Chemistry, Brigham Young University, 1931—.

LESTER B. WHETTEN.....Assistant in Spanish
A. B., Brigham Young University, 1932; Assistant in Spanish, Brigham Young University, 1930—.

JOHN WING.....Assistant in Chemistry
B. S., Brigham Young University, 1926; Assistant in Chemistry, Brigham Young University, 1931—.

TRAINING SCHOOL FACULTY

MARY C. HAMMOND, Instructor in Elementary Training School.

BARBARA MAUGHN, B. S., Instructor in Elementary Training School.

GLADYS KOTTER, B. S., Instructor in Elementary Training School.

GEORGIA MAESER, B. S., Instructor in Elementary Training School.

JENNIE CAMPBELL, B. S., Instructor in Elementary Training School.

THELMA LUDLOW, A. B., Instructor in Elementary Training School.

HAZEL CLYDE, M. A., Instructor in Kindergarten.

SPECIAL INSTRUCTORS

ELMER NELSON, Instructor in Piano.

HANNAH C. PACKARD, Special Instructor in Vocal Music.

GEORGE W. FITZROY, Special Instructor in Piano.

BESSIE E. GOURLEY, Assistant in Art.

BRIGHAM T. HIGGS, Superintendent Buildings and Campus.

J. W. SAULS, Associate Superintendent Buildings and Campus.

STANDING COMMITTEES

The President is ex-officio a member of all committees.

Admission and Credits—John E. Hayes, Lynn Hayward.

Aiding Graduates to Obtain Employment—A. N. Merrill,
K. B. Sauls, the Deans.

Alumni Directory—K. B. Sauls.

Athletics—P. A. Christensen, G. O. Romney, J. W. Knight,
H. R. Merrill, K. B. Sauls, H. Grant Ivins, President of Student Body, President of Alumni Association, C. L. Jensen, Manager of Athletics.

Attendance and Scholarship—W. H. Boyle, T. L. Martin,
C. J. Hart, May Billings.

Awards and Prizes—Alonzo Morley, Franklin Madsen, T. E. Pardoe.

Campus—L. S. Morris, Seth Shaw, E. H. Eastmond, B. F. Harrison.

Care of Girls' and Women's Activities—Dean of Women, Margaret H. Eastmond, Effie Warnick, Hermese Peterson.

Catalogue and Other Quarterlies—E. H. Holt, J. E. Hayes,
K. B. Sauls, N. I. Butt.

Debating—J. C. Swenson, Wm. J. Snow, E. M. Rowe, R. Swenson, T. E. Pardoe.

Eligibility—Milton Marshall, H. Grant Ivins, J. E. Hayes.

Graduation—B. F. Cummings, Joseph Sudweeks, M. W. Poulson.

Lectures and Musicals—J. C. Swenson, Herald R. Clark,

Library—Alice L. Reynolds, M. W. Poulson, W. J. Snow,
S. B. Sperry, Librarian.

Personnel—C. S. Boyle, Thos. L. Martin, Wm. J. Snow.

Petitions—H. M. Woodward, C. E. Maw, V. M. Tanner.

Publicity—L. Nelson, E. H. Holt, K. B. Sauls, H. R. Merrill, G. O. Romney, Carlton Culmsee.

Schedule of Events—K. B. Sauls.

Schedule of Classes—E. H. Holt, N. I. Butt.

Social Affairs—Elmer Miller, G. H. Hansen, Dean of Women, Wilma Jeppson, Karl E. Young, S. T. Shaw.

Social Units—G. H. Hansen, G. de Jong, A. Rex Johnson, Registrar, Dean of Women, Elsie C. Carroll, and Student Representatives.

Student Accommodations—W. B. Hales, W. H. Snell, P. P. Bigelow, Dean of Women, Hugh W. Peterson.

Student Aid and Employment—A. Rex Johnson, Dean of Women, Kiefer B. Sauls.

Student Publications—C. Culmsee, E. H. Eastmond, B. F. Larsen.

Faculties of L. D. S. Institutes and Seminaries

COLLEGIATE INSTITUTES

	Teacher	Address
Logan Institute	T. C. Romney	Logan, Utah
Moscow Institute	G. S. Tanner	Moscow, Idaho
Pocatello Institute	J. W. Sessions	Pocatello, Idaho

SENIOR SEMINARIES

Seminary	Teacher	Address
American Fork	E. Ray Gardner	Am. Fork, Utah
Ammon	Lucius Clark	Idaho Falls, Ida.
Barnes, John R.	G. C. Ensign	Kaysville, Utah
	Daryl Chase	Salt Lake City
Bear River	W. W. Richards	Garland, Utah
	Alma W. King	Garland, Utah
Beaver	Wendell M. Rigby	Beaver, Utah
Bicknell	LeRoy B. Groberg	Bicknell, Utah
Blackfoot	G. Byron Done	Blackfoot, Idaho
Blanding	Wayne H. Redd	Blanding, Utah
Box Elder	Abel S. Rich	Brigham City, Ut.
	J. P. Lillywhite	Brigham City, Ut.
Burley	R. Golden May	Burley, Idaho
Castle Dale	N. L. Williams	Castle Dale, Utah
Cedar City	G. O. Larson	Cedar City, Utah
Delta	M. Ward Moody	Delta, Utah
East Side	James E. Moss	Salt Lake City
	Obert C. Tanner	Salt Lake City
Ephraim	N. E. Noyes	Ephraim, Utah
Escalante	Reed G. Probst	Escalante, Utah
Ferron	Pearson H. Corbett	Ferron, Utah
Franklin County	R. Lee Kenner	Preston, Idaho
	James DeBry	Preston, Idaho
Grace	Harold S. Nelson	Grace, Idaho
Grantsville	Heber D. Clark	Grantsville, Utah
Gunnison	Roy A. West	Gunnison, Utah

Seminary	Teacher	Address
Granite	F. K. Seegmiller	Salt Lake City
	James E. Moss	Salt Lake City
	M. D. Clayson	Salt Lake City
Hinckley	R. T. Hinckley	Hinckley, Utah
Huntington	J. Wayne Moss	Huntington, Ut.
Jordan	Carter E. Grant	Sandy, Utah
	D. Stanley Adams	Bountiful, Utah
	Katherine Bennion	Salt Lake City
Juab Stake	L'Roy Whitehead	Nephi, Utah
Kanab	William E. Berrett	Kanab, Utah
Lehi	H. Alvah Fitzgerald	Lehi, Utah
Logan	Ed. J. Passey	Logan, Utah
	L. R. Robinson	Logan, Utah
Lovell	Joseph S. Fish	Lovell, Wyoming
Lyman	Willis J. Lyman	Lyman, Wyo.
Malad	H. W. Lawrence	Malad, Idaho
	E. M. Chadwick	Malad, Idaho
Manassa-Sanford	Stanley E. Best	Sanford, Colo.
Manti	L. E. Anderson	Manti, Utah
Mesa	J. R. Wilkins	Mesa, Arizona
Midway	Ariel S. Ballif	Menan, Idaho
Millard	S. D. Moore, Jr.	Fillmore, Utah
Monroe	V. L. Israelsen	Monroe, Utah
Montpelier	S. H. Spencer	Montpelier, Idaho
Morgan	C. Calvin Geary	Morgan, Utah
Moroni	Jos. W. Olsen	Moroni, Utah
Mt. Pleasant	A. H. Anderson	Mt. Pleasant, Ut.
Murray	Frank W. McGhie	Murray, Utah
North Cache	E. M. Hicken	Richmond, Utah
	Carl J. Farr	Richmond, Utah
North Sevier	S. Ross Hunt	Salina, Utah
North Summit	L. M. Norberg	Coalville, Utah
Nebo Stake	John F. Oleson	Payson, Utah
Oakley	Wesley P. Lloyd	Oakley, Idaho
Oquirrh	A. C. Nielsen	Salt Lake City
Panguitch	Ernest Frandsen	Panguitch, Utah
Paris	Roy A. Welker	Paris, Idaho
Phoenix	May G. Kershaw	Phoenix, Arizona

Seminary	Teacher	Address
Piute County	A. C. Reynolds	Circleville, Utah
Pocatello	Almon L. D. Brown	Pocatello, Idaho
Provo	J. A. Washburn	Provo, Utah
	Margaret Gardner	Provo, Utah
Rexburg	H. L. Peterson	Rexburg, Idaho
Richfield	Newel K. Young	Richfield, Utah
Rigby	T. Edgar Lyon	Rigby, Idaho
Roosevelt	Stanley R. Gunn	Roosevelt, Utah
Rupert-Heyburn	Jesse L. Roberts	Rupert, Idaho
Sharon Stake	V. C. Anderson	Provo, Utah
Shelley	Elwood B. Allred	Shelley, Idaho
Snowflake	William C. Smith	Snowflake, Ariz.
South Cache	J. Karl Wood	Hyrum, Utah
	M. W. Smith	Salt Lake City
South Side	M. D. Clayson	Salt Lake City
	Harold B. Lee	Salt Lake City
South Summit	Silas L. Cheney	Kamas, Utah
Spanish Fork	E. Cecil McGavin	Spanish Fork, Ut.
	Laura Shepherd	Provo, Utah
Springville	W. T. Tew, Jr.	Springville, Utah
Star Valley	Ernest R. Clark	Afton, Wyoming
St. Johns-Eagar	David G. Thomas	St. Johns, Ariz.
Sugar City	Leon M. Strong	Sugar City, Idaho
Teton Stake	Robert Gibbons	Driggs, Idaho
Timpanogos Stake	Hyrum P. Jones	Pl. Grove, Utah
Tooele	LeRoi Bentley	Tooele, Utah
Ucon	Grant M. Andrus	Ucon, Idaho
Vernal	A. S. Cannon	Vernal, Utah
Wasatch	D. A. Broadbent	Heber City, Utah
Weber	F. G. Eyre	Ogden, Utah
	Elmer Peterson	Ogden, Utah
West Side	Ezra C. Dalby	Salt Lake City
	Eugene Hinckley	Salt Lake City
Zion Park	A. Noble Kimball	Hurricane, Utah

*On leave of absence.

Historical

The Brigham Young University, formerly designated the Brigham Young Academy, was founded by a deed of trust executed by President Brigham Young, October 16, 1875.

It is in charge of twelve trustees, elected triennially, by the vote of the Latter-day Saints, acting through the First Presidency of the Church of Jesus Christ of Latter-day Saints.

For many years it was dependent upon fees and the proceeds of the original endowment for its maintenance, but in recent years an annual church appropriation has been the chief source of its financial support.

Buildings. The first home of the institution was a mercantile building, standing on the present location of the Farmers and Merchants Bank.

Subsequently, this building, with several additions, was destroyed by fire. The school, however, resumed its sessions with the loss of but one day. The basement of the Stake Tabernacle, a store, and the First National Bank building, housed the school for a short time.

From these temporary quarters it moved into the upper story of the Z. C. M. I. warehouse, at the corner of Sixth South street and University avenue. This was the home of the school for seven years.

In 1891 the school moved to what is now known as the Education building, a structure costing \$75,000, made possible chiefly through the personal credit of President Abraham O. Smoot and his associates on the Board of Trustees.

The College building, a gift of ten persons whose names are upon a marble tablet in a hall of the building, was erected in 1898. The responsibility for raising the funds for this building was undertaken voluntarily by Reed Smoot, a member of the Board of Trustees.

The Training School Building was built in 1902, the cost of which was met by the contributions of friends of the school, chief among whom was "Uncle" Jesse Knight.

The Art building was erected in 1904, a gift of the nearby stakes comprising what was known at that time as the B. Y. U. academic district.

The Alumni Association, in honor of Dr. Karl G. Maeser, presented the institution with the Maeser Memorial building in 1911. The cost of this building was \$112,000.00. "Uncle" Jesse Knight contributed liberally to the Alumni Association in this project. The heating plant and furnishings were provided by the Church. This building was the first to be erected on University Hill.

The Women's Gymnasium, which is also a recreation building, was erected in 1913.

The Mechanic Arts building, on University Hill, was erected in 1919.

The Heber J. Grant Library building, also on University Hill, was erected in 1925.

The last three named buildings were built by Church appropriations.

Campus. The first campus of the school was limited to a small playground back of the building which was destroyed by fire. The present Education building was erected in the center of a block 24 by 24 rods.

Then came the purchase of University Hill. As early as 1904, steps were taken to acquire land on this site. A purchase of seventeen acres was made from Provo City. A gift of something over seven acres came from the Fourth ecclesiastical ward of Provo; part of an acre was purchased by an alumnus, and the point of the hill by the student body. The remaining area comprising the present campus of seventy-five acres, was purchased by the University, following a movement initiated by the Alumni Association.

Administration. The first faculty consisted of the principal and two assistants, Dr. Karl G. Maeser, Dr. Milton H. Hardy, and Kristina Smoot. Dr. Karl G. Maeser served as principal until 1891, when he was called to the general superintendency of Church schools. Dr. Benjamin Cluff, Jr., succeeded Dr. Maeser and served as the executive head of the school until December 22, 1903. Dr. George H. Brimhall succeeded Dr. Cluff and served the institution as president until April 26, 1921, when he was made president-emeritus. On the same date Dr. Franklin Stewart Harris was appointed president, taking office July 1, 1921.

Educational Growth. The first credential granted by the institution was a teacher's certificate given on the completion of one year's normal work. This was followed by a certificate requiring two years' normal work, followed later by the degree of Bachelor of Pedagogy, issued upon the completion of four years' normal work.

Later the Bachelor of Arts and Bachelor of Science degrees were authorized to be conferred upon the completion of the regular four years college courses.

Master degrees have been authorized since 1918.

On February 11, 1909, by an action of the General Church Board of Education the collegiate department of the University was designated The Church Teachers' College.

At the beginning of the school year 1920-21, the name Church Teachers' College was changed to School of Education, and the School of Arts and Sciences was established.

During 1921 a college of Commerce and Business Administration was organized and courses leading to a degree of Bachelor of Science outlined. The names, School of Education and School of Arts and Sciences, were changed to College of Education and College of Arts and Sciences. At the same time an Extension Division, a Research Division, and a Graduate Division were organized.

January 25, 1922, a college of Applied Science was established to include the departments of Agronomy, Animal Husbandry, Art, Auto Mechanics, Foods and Nutrition, Horticulture, Household Administration, Textiles and Clothing, and Woodwork.

On April 21, 1925, a College of Fine Arts was established to include the departments of Art, Music and Speech.

During the year 1928-1929 the Y Stadium was completed, the name of the College of Commerce and Business Administration was changed to College of Commerce; and the Graduate Division was changed to Graduate School.

University Credits Recognized. The Brigham Young University is on the list of approved colleges of the Association of American Universities. It is also a member of the Northwest Association of Secondary and Higher Schools, the American Council on Education, and the Association of American Colleges.

ORGANIZATION

The Brigham Young University as now organized comprises:

1. A College of Applied Science
2. A College of Arts and Sciences
3. A College of Commerce
4. A College of Education
5. A College of Fine Arts
6. A Graduate School
7. An Extension Division
8. A Research Division

Elementary and Secondary Training Schools are maintained in connection with the College of Education.

DEPARTMENTS OF INSTRUCTION

Accounting and Business Administration

Agronomy

Animal Husbandry

Art

Botany

Chemistry

Economics

Educational Administration

Elementary Education

English

Finance and Banking

Geology and Geography

History

Home Economics

Horticulture

Library

Mathematics

Mechanic Arts

Modern and Classical Languages

Music

Office Practice

Physical Education

Physics

Political Science

Philosophy of Education

Psychology

Secondary Education

Sociology

Speech

Religious Education

Zoology and Entomology

UNIVERSITY FEES

College and Graduate Students:

Registration fee for full year if paid at beginning of Autumn quarter.....	\$70.00
Registration fee for less than the full year, the quarter	25.00
Withdrawal deposit	1.00
Student activity fee, each quarter.....	5.00
(Or \$12.50 for the year if paid in advance)	
A gymnasium service fee, each quarter.....	1.00

Secondary Training School:

Senior High School—10th, 11th, 12th grades, the year.....	\$25.00
Activity fee	5.00
Gymnasium service fee, the year.....	1.00
Junior high school—7th, 8th, 9th grades.....	12.50
Activity fee	1.50
Gymnasium service fee, the year.....	.50

Elementary Training School:

1st to 6th grades, the year.....	\$10.00
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Special Fees:

Late registration (after first week of each quarter)	\$ 2.00
Special students (eight credit hours or less), for each hour.....	2.50
Special examinations, for each hour.....	2.50
(Provided the maximum fee in any one subject shall not exceed \$20.00)	

Graduation:

Degree	\$10.00
Diploma	5.00

Special fees are charged for private instruction in Vocal and Instrumental Music, Speech, and some special courses in Art.

Breakage deposits are required in the departments of Chemistry, Mechanic Arts, and for laboratory

courses in Bacteriology and Soil Fertility; and a special fee of \$5.00 is charged those who elect Secondary or Elementary Training.

STUDENT EXPENSES

The cost of books varies from \$5.00 to \$10.00 a quarter, depending upon the number and the nature of the courses elected.

Board and room in private homes costs from \$3.50 to \$5.50 per week. By renting rooms and boarding themselves, students are able to reduce considerably the cost of room and board. In some cases it has been reduced to \$10.00 a month.

If students desiring assistance will call on the Students' Accommodation Committee when they arrive in Provo, they will be directed to the kind of place they wish. When students desire to change boarding places, they are expected to call on and notify the chairman of this committee.

The University insists that boys and girls be housed separately. The boarding houses are inspected to see that accommodations are satisfactory. The University maintains a Cafeteria, where students may secure the noon meal at cost.

REFUNDS

No refunds will be granted to students who are requested to withdraw from the University because of scholarship or any other cause.

All students when paying fees are given official receipts from the Secretary's Office. These receipts must be presented before refunds are allowed. The students, therefore should exercise care that the receipts are not lost or mislaid.

All fees except \$5.00 will be refunded to any student in residence who withdraws during the first week of the quarter. One-half of all fees paid will be refunded to any student in residence who withdraws during the second or third week of the quarter. No refunds will be allowed after the third week.

ENDOWMENTS

The Jesse Knight Endowment Fund. On December 21, 1914, the late Jesse Knight made an endowment to the University of one hundred thousand dollars in six percent bonds. The interest payments on these bonds, together with the payments on bonds which have matured, have been placed at interest, and the cash credit on this account now represents approximately twice the amount of the original endowment.

The Brigham Young University Permanent Endowment Fund. June 4, 1929, the B. Y. U. Associated Alumni initiated a permanent endowment fund for the University. Some very generous contributions and subscriptions were made at this alumni reunion, and the work of building such an endowment has been carried forward by the alumni and school officials with very gratifying results. The members of the graduating classes since that time have shown a remarkably loyal spirit by subscribing to this fund an average of one hundred dollars each.

LOAN FUNDS

The Emmeline B. Wells Relief Society Loan Fund. In honor of Emmeline B. Wells, the General Board of the Relief Society has established a loan fund to assist young women to complete their school work. The lending of this fund is under the supervision of the Deans' Council.

Student Loan Fund. The Sophomore class of 1922 established a loan fund to assist students to complete their school work. This fund is augmented each year, the Sophomore class assuming the responsibility for making an annual addition. The lending of this fund is under the supervision of the Deans' Council.

Harmon Foundation Student Loan Fund. The Brigham Young University has been chosen by the Harmon Foundation as one of the limited number of

colleges in the United States whose students may receive assistance in financing their education. Juniors and Seniors, up to a given number each year, may borrow money from this fund. The Harmon Foundation is a strong financial organization now rendering financial assistance to students in many of the colleges in the United States. A faculty committee represents the University in making these loans.

Gamma Phi Omicron Loan Fund. The Home Economics Club of the University (Gamma Phi Omicron) has established a loan fund to assist students of the Home Economics department. The lending of this fund is under the supervision of the Deans' Council.

Alpha Kappa Psi Loan Fund. The Alpha Kappa Psi has established a loan fund for senior students of the College of Commerce. The lending of this fund is under the supervision of the Deans' Council.

Federation of Women's Clubs Loan Fund. The First District Federation of Women's Clubs of Utah has established a loan fund to be lent to the senior girls of the University. The lending of this fund is under the supervision of the Dean's Council.

ASSOCIATED STUDENTS

General Organization. This organization is composed of all students who attend Brigham Young University and is presided over by officers elected by them. It seeks to develop interest on the part of every student in all those activities which contribute to a more democratic "Y" spirit, and to furnish opportunities for all students to participate in those activities which interest them most. Through this organization, student traditions are kept alive. All interclass and intercollegiate activities are encouraged and unified by this organization. Forensic, dramatic, and music activities are fostered by and are under its management and through it the students publish the school periodicals and also the

University year book, the "Banyan." The organization also functions as an auxiliary of the school discipline.

Associated Women Students. This is an organization comprised of all girls registered in the institution. Its purpose is to aid and foster all girls' activities. This organization is also a member of the Western Division of the National Organization of Associated Women Students, which includes practically all of the universities and colleges in the United States.

The Presidents Club. This club is composed of the presidents of all clubs, units, classes or any other student organization upon the campus. Its purpose is to keep union and harmony in student activities by keeping the organizations united, and to maintain a student union, rather than cliquishness, and club consciousness. The President of the Associated Students presides over it and calls the club together whenever it is thought advisable by the Student Council.

Block "Y" Club. An organization of students who have won a Block "Y" in intercollegiate athletic or forensic competition. Its purpose is to foster the traditions of the school, keep alive the athletic and forensic spirit, encourage a true spirit of sportsmanship and to meet visiting teams of athletes or debaters and help to encourage friendly relations with sister institutions.

CLUBS AND SOCIETIES

To enlarge the educational and social opportunities of the university, units, clubs, and societies are organized. In these groups, the spirit of the institution is fostered, and democracy is especially encouraged.

SOCIAL-UNIT ORGANIZATION

The University recognizes proper social development as one of the important by-products of college training. For many years this social opportunity has been provided through the class and club organizations

of the institution, but in recent years these organizations have become too large to provide students with the intimate social contacts, and opportunities for leadership which are thought desirable.

To provide suitable opportunity for the fulfillment of this purpose the Social Unit Organization was adopted.

The plan provides that every student in the University shall belong to a social unit. These units include from twenty to thirty members, grouped on the basis of sex, social interest and congeniality. The whole scheme is democratically controlled by the Social-Unit Committee, which consists of members from faculty, classes, and other organized groups in the University. The Inter-Social-Unit Council, made up of representatives from each Social Unit, has jurisdiction over the internal affairs of the units, such as fees, costs of entertainments, etc.

The Social Units are doing much to keep alive the social ideals of the University and to perpetuate the democratic social traditions characteristic of the Student Body.

DEPARTMENTAL ORGANIZATIONS

This group of organizations has the specific purpose of bringing together persons of similar scholastic interests and of rendering their work more pleasurable and profitable. Each group will foster the activities of the department to which it is allied. The eligibility rules thereof will be such that any member of the department may qualify for membership by meeting the scholastic requirements imposed by the organization. The fees will be reduced to a minimum. Each organization will have a faculty advisor. The following departmental clubs and societies have been organized:

The "Ag" Club. This organization is open to all students of Agriculture, the purpose being to meet and receive instruction from men who have succeeded practically and scientifically in the agricultural work of

the state. Meetings are held every alternate Wednesday afternoon. Social functions in conjunction with the Home Economics department are featured during the year.

Drama League. The purpose of this league is to foster the art of reading and dramatics, to appreciate paintings and music, and to give opportunity to its members to hear lectures and readings from the best talent of the state as well as those who are on the lecture platform and the stage. The society meets weekly. It is affiliated with the Drama League of America.

French, Spanish, German, and Latin Clubs. Teachers and students interested in the study of French or Spanish or German or Latin are organized into clubs. These clubs meet twice a month and enjoy programs of songs, talks, reports, games, etc., in which the foreign language is the medium of speech. The clubs are in the fullest sense student organizations. Membership is open not only to students but also to all people within easy reach of the University who have studied or are studying the modern languages. Membership privileges are especially extended to people of the community of French, German, Spanish or Spanish-American birth.

Home Economics Club. The club is organized to create a professional spirit among the students of Home Economics. Regular meetings are held at which interesting lectures are given. Special activities are fostered. All girls registered in Home Economics courses are eligible for membership.

Gamma Phi Omicron. (Home Economics.) An organization of the advanced students majoring in some phase of Home Economics. Its purpose is to develop culture and scholarship among its members, and to lend its aid in establishing better homes and community life.

Literary Club. The purpose of this organization is to develop greater appreciation of good literature and to give opportunity for practice in oral and written expression. Carefully prepared lectures on literary topics and dramatic readings will be given by advanced students, members of the English faculty, and others.

Music Society. This society meets conjointly with the Drama League and alternately furnishes programs of varied musical importance. Leading musicians of the state will augment local talent in producing some of the world's greatest music. Membership in this society entitles admittance to all Drama League activities.

Studio Guild. This organization is for the benefit of students having special talent in any particular phase of fine art and applied art. Lectures on practical topics in connection with arts and crafts are given by members of the faculty and other recognized educators. Exhibitions of artists' and of craftsmen's work are held under the auspices of this organization.

Young Commerce Club. This club is a student organization devoted to the development of good fellowship among the business students. Luncheons and programs are given at regular intervals during the school year at which prominent business and professional men of the inter-mountain country are the principal speakers. All students of the College of Commerce are eligible for membership.

Young Education Association (Y. E. A.). An organization of all students working for the three-year normal diploma. Its purpose is to foster fellowship and sociability among its members, and to encourage their educational life by bringing in prominent educational speakers.

Young Women's Missionary Club. An organization of women students who have been engaged in ac-

tive missionary service. Its purpose is to preserve the missionary spirit among the students and alumnae of the University and to render help where possible to women missionaries in the field.

Delta Phi. An organization open to all male students who have done regular missionary work. Its purpose is to foster fellowship, missionary ideals, and sociability. Luncheons and programs are given during the school year at which prominent men of the Church and state are the principal speakers. This chapter is associated with like chapters at the Utah Agricultural College, Weber College, and the University of Utah.

Psychology Club. An organization to foster a better understanding of scientific psychology, and to supplement the regular courses of the department by affording the opportunity of discussing certain current problems by advanced students and outside speakers.

David Starr Jordan Biology Club. This organization is open to all who have shown special interest in the fields of biological science. The club aims to develop interests in all forms of biological study and has, for its major project, the building of a library of natural science literature. During the past two years some 250 volumes have been collected by club members. The increasing animal and plant collections of the department and the new laboratory at Utah Lake, offer interesting material for new students. Special lectures by eminent state naturalists, have proved to be of the greatest interest and educational value. Outside of resident students, the membership consists of faculty members, alumni and prominent townspeople.

Graduate Club. This club is an organization of the students of the University who are pursuing graduate study. The purpose of the organization "shall be to foster fellowship among its members; to stimulate a desire for higher learning; to assist in finding and developing leadership in the communities; and to use

every effort to enhance the interests of the Brigham Young University." A student becomes a member automatically upon registration in the graduate division.

The "Y" Chemical Society. An organization consisting of students interested in the field of chemistry. Meetings are held every alternate week, at which time lectures dealing with the outstanding problems in chemistry, or material intimately connected with this field are given by authorities on the specific subjects. Various excursions to the outstanding institutions of scientific value and interest in the state are sponsored.

Geographical Clubs are organized for the furthering of social enjoyment and the establishing of bonds of sympathy between the school and the home.

NATIONAL FRATERNITIES

Theta Alpha Phi. National professional dramatic fraternity. Co-educational.

Tau Kappa Alpha. Honorary national debating fraternity. Those who engage in inter-collegiate debating and oratory or who attain marked distinction in forensic activity are eligible to membership.

Alpha Kappa Psi. (Commerce.) (Beta Delta Chapter.) The purpose is to foster studies in commerce, encourage scholarship and association between members and the commercial world. Male College of Commerce students above freshman standing are eligible for membership.

Beta Beta Beta. (Phi Chapter). Installed January 31, 1931. An international honorary biological fraternity, which emphasizes a three-fold program: Sound scholarship; dissemination of scientific knowledge; and promptness of biological research. All junior and senior students having twenty-four hours of biological credit are eligible for membership.

Phi Delta Pi. Women's National professional physical education fraternity. Xi Chapter installed November 21, 1931. Its purpose is to stimulate professional and scholastic interest in physical education.

Blue Key. The Blue Key national honorary leadership fraternity was chartered at the Brigham Young University in the spring of 1932. Its purpose is to foster Student Body projects of merit which cannot well be handled by any other organization. It is an upper-classmen organization, the membership of which is fixed at from twelve to twenty active members.

NON-STUDENT ORGANIZATIONS

B. Y. U. Women's Organization. The purpose of this organization is to foster the ideals of the institution and to help furnish recreation and social amusement for the faculty. A woman is eligible for membership in this organization and becomes a member on payment of dues provided that at the time she seeks admission she is either: (1) a present faculty member, (a faculty member is one who holds at least the rank of instructor); (2) a past faculty member; (3) a matron; (4) a board member; (5) the wife of a faculty member who has died in the service of the school; (6) the wife of a present faculty or board member.

Faculty Fine Arts Club. This club is organized to develop and maintain a closer co-operation among the members of the fine arts faculty; to increase the appreciation of each member for all arts; to keep the members aware of what is going on in the various fields of fine arts; and to encourage among the members original creation in music, literature, painting, etc.

Faculty Forum. The purpose of this organization is to stimulate scientific research. Opportunity is afforded the faculty to hear papers dealing with problems of interest in the various fields of science.

SCHOLARSHIPS

Maria Y. Dougall Scholarship. A scholarship for girls, representing \$30.00 awarded annually on the recommendation of Mrs. Maria Y. Dougall of Salt Lake City.

Eliza A. Wallacott Scholarship. A scholarship for girls representing \$30.00 awarded annually through the recommendation of the President.

Van Wagenen Band Scholarship. For the encouragement of worthy students in the line of band music, Mr. Alma Van Wagenen of Provo has established an annual scholarship of \$50.00.

Annual Commercial Contest Scholarship. Two scholarships are awarded to the winners of the short-hand and the typewriting events in the Commercial contest for high school students held at the University each year.

Alpha Kappa Psi Scholarship Award. Alpha Kappa Psi Fraternity, Beta Delta Chapter of which is established in the College of Commerce, awards annually the Alpha Kappa Psi Scholarship Medallion to the male student of the junior class in commerce who possesses the highest scholastic average for three years' work taken in this university.

The Oscar B. Young Prize. An award of \$50.00 given annually by Professor Kimball Young for the best essay on some phase of **Mormon Community Life**. The adjudication is under the supervision of the department of Sociology.

AWARDS

Students eligible for these awards must be duly registered and carrying successfully at least ten hours of University work.

Provo Chamber of Commerce Medal. The Provo Chamber of Commerce presents annually a gold medal to the most efficient student in the University, based upon scholarship, social status, and public service.

The Elsie Chamberlin Carroll Medal. Mrs. Elsie Chamberlin Carroll presents annually a gold medal to the student (girl) of the University writing the best short story.

The Adams Gold Medal. Mr. and Mrs. Walter Adams present annually a gold medal to the most efficient student being graduated from the Music department whose major instrument is a stringed instrument.

The Taylor Gold Medal. Mr. Lester Taylor presents annually a gold medal to the most efficient student being graduated from the Music department whose major instrument is the piano.

The Pardoe Gold Medal. Mr. and Mrs. T. Earl Pardoe present annually a gold medal for excellence in extemporaneous speaking.

The Kirkham Medal, a gift of Francis W. Kirkham, to those who win their state inter-collegiate debates.

The Dixon Silver Cup is presented for the best extemporaneous speech. It is given annually by Mr. Rulon Dixon.

The Dr. Horace G. Merrill Silver Loving Cup is awarded to the student of the University who shall attain first place in the annual Cross Country Run, held immediately preceding the Thanksgiving recess. Should a student win first place more than twice the cup becomes the property of such student.

The Woolley Gold Medal. Miss Mary Woolley presents annually a gold medal to the student giving the best rendition of a dramatic reading.

The Stein Gold Medal. Mr. J. Edwin Stein offers annually a gold medal for the most efficient athlete. Efficiency is based upon the participation in athletics, scholarship, and social activity.

The R. R. Irvine Medal is presented annually for excellence in oratory, subject to be based upon some economic problem.

The Sophomore Class, 1921, Gold Medal is awarded annually for excellence in vocal art.

The Noble Medal. Mrs. Hazel Noble Boyack offers annually a gold medal to the most efficient senior student enrolled in the Home Economics department. The selection of such student will be made by the faculty of the Home Economics department.

The Provo Drama Center, Mask Award. A prize of twenty-five dollars is given each year for the best one-act play of merit, on a Western or pioneer theme.

Provo Rotary Club Gold Medal. A gold medal awarded to the winner of an oratorical contest on some subject of international good will.

The E. H. Eastmond Gold Medal is awarded annually for the best painting or drawing of Mt. Timpanogos in any medium.

Studio Guild Medal. A gold medal is awarded annually by the Studio Guild for the best landscape painting done during the school year in any medium. Members of the Art department faculty and the officers of the Studio Guild make the selection.

Dramatic Service Awards. The Dramatic Art department awards annually a dramatic honor pin to each of three students who have given the most helpful service to the University and to the community during the year.

Egbert Gold Medal. Miss Anna Egbert gives a gold medal for the most efficient debater each year. The award is made in honor of her father, Robert N. Egbert.

The Evans Competitive Acting Award. Mr. Edmund Evans offers annually a watch for the student,

who, in the estimation of a group of judges plays the best sustained role in the annual competitive play.

The Evans Gold Medal. Mr. Edmund Evans offers annually a gold medal to the most efficient graduate in the Speech department. Efficiency is based upon participation in speech activities, social activity, and scholarship.

DISCIPLINE

The maintenance of standards of honor, Christian integrity, and Latter-day Saint ideals is required. Within these limits the students are given the fullest freedom. Those who fail to conform to these standards either in personal habits or associations are subject to discipline.

The use of tobacco will not be permitted, and having improper associates or visiting places of questionable repute will not be tolerated.

All social functions given by any organization of the school are under the direction of the standing committee on socials. Any disciplinary announcement made by the executive of the institution becomes a part of these regulations. Violations of regulations makes the offender liable to suspension or expulsion.

Regular attendance is required at all recitations, laboratory and field work. The committee on attendance and scholarship has general supervision of the disciplinary work of the institution. Regular students who are not satisfactorily carrying at least ten hours work will not be allowed to remain in the institution.

FUNCTION OF THE MEDICAL DIRECTOR

The principal function of the medical director is to conduct the physical examinations of the students and to look after the general health conditions of the school. In addition all students have the privilege of free consultation with him at his university office during schedule office hours, or by appointment. He will gladly

respond to all calls to investigate the presence of contagious diseases, but he cannot assume the responsibility of furnishing free treatment for such cases, as is done in schools where the students pay a medical or hospital fee. However, if those students who are unable to pay for necessary service are reported, efforts will be made to see that they are taken care of. No charge will be made for first aid service to persons injured in athletic contests or other forms of school activities, except for material used.

DEAN OF WOMEN

The Dean of Women is charged with the general oversight of all women students, and is always ready to aid and advise them in matters pertaining to their university life. She will not only attend to the special needs of young women during school hours, but will use every precaution to see that they are properly cared for at their boarding places. All women students are required to leave a directory card with the Dean of Women when they register.

LIBRARY

The University Library contains more than 80,000 volumes and 50,000 pamphlets and bulletins. These publications cover all phases of human interest and offer opportunity to make intensive studies in almost any field of the sciences or arts. The library has for years been a Government Depository to receive all Government documents. These documents are all well classified and indexed. Besides the Government Documents the Library has nearly a complete set of all agricultural experiment station literature from every state in the Union. It regularly receives important state documents on education, history, politics and various other topics as they are issued by the different states, and is on the publication exchange lists of many of the colleges and universities of the United States and elsewhere.

The Carnegie Institute of Washington, the Carnegie Peace Foundation, the Rockefeller Foundation, the General Education Board, the American Council on Education, the Milbank Memorial Fund, the Bell Telephone Laboratories and several of the large business organizations all supply technical and informative literature. The Library subscribes for such technical journals and magazines as are essential to a thorough college education, and it maintains its own book bindery.

Each year the Library strengthens itself along specialized lines through contributions of books to its special collections, of which the following are now being rapidly augmented:

B. Y. U. Women (Memorial) Collection—General
Brimhall Collection—Theology

Bennion Collection—Biography.

Egbert Collection—Music.

Henning Collection—Archaeology

Hinckley Collection—Geology

Ivins Collection—The American Indian

Jordan Club Collection—Biology.

Lund Collection—Music.

McKay Collection—Education

Mask Club Collection—Dramatics

Nelke Collection—General Literature

Reynolds Collection—Literature

Smith (F. W.) Collection—Chemistry

Sorosis Club Collection (Memorial)—General

Spilsbury Collection—Home Economics

Whitaker Collection—Foreign Languages

Widtsoe Collection—Agriculture

The Library is open each school day during the regular school year from 8 A. M., until 10 P. M.; on Saturday from 10 A. M., until 4 P. M.; and during the Summer Session from 7:30 A. M., until 9 P. M.

SPECIAL SCIENTIFIC AND ART COLLECTIONS

The Zoological and Entomological Collections of the University consist of a large series of identified invertebrate and vertebrate species of Utah and contiguous states.

The Entomological Collection consists of over 50,000 specimens; the Tom Spalding Collection of Utah lepidoptera, the Chester Van Buren Collection of South American Butterflies, some Weevils from the Blatchley Collection form important portions of this collection.

A complete series of the fish, amphibians, reptiles, birds and mammals of this region are to be found in the collection. The fish collection is especially rich in species and specimens from the intermountain region. There is also a collection of Hawaiian fish made by Dr. David Starr Jordan. Specimens of practically all the species of amphibians and reptiles of Utah and many species from various portions of the United States are in the collection. The bird collection consists of about 1,700 skins, 1,000 of which were collected in the Magdalena River Valley of South America by Chester Van Buren in 1901-03. This collection is being added to annually by means of collecting expeditions that are sent out to various parts of the Western United States.

An excellent collection of plants is maintained by the **Department of Botany**. This collection includes a representative series of algae, liverworts, mosses, ferns, and seed-plants. There is also a collection of seeds and a collection of diseased plants.

The herbarium of ferns and seed-plants is made up principally of plants collected throughout the Western states, but many species obtained through various exchange herbaria of other sections are included. There is also a collection of plants from Siberia, obtained by President F. S. Harris in 1929, as well as a small group of plants from South America.

The principal collection, made up of Western plants includes 125 families, 600 genera, and 1800 species, rep-

resented by over 5,000 specimens. The collection is being enlarged by means of plants obtained on various collecting expeditions, plants obtained through the forest service, and various other sources.

The Geological Collections of the University consist of an unusually complete series of minerals and an interesting variety of fossils.

The minerals number many thousands and are representative of the great western mining districts together with hundreds of world localities of note. Part of this collection once represented the nucleus of the famous Deseret Museum collection of Salt Lake City.

The fossil series are representative of many western and typical world localities. Much of this material was also formerly a part of the Deseret Museum collection. The vertebrate collection is especially rich in original fossils and casts of the characteristic mammalian fauna that lived in the Western states during the immediate geologic past.

The Archaeological collections include a number of well prepared case exhibits of Utah Indian materials, including pottery, basketry, stone implements, wearing apparel and picture writings. It also includes a number of South Pacific Islands collections together with what is thought to be the finest South American collection of Indian pottery in the West.

The Fine Arts Collection consists of paintings, sculpture and art prints. Early pioneer artists are represented as well as more recent and modern painters and sculptors. The collection comprises also noteworthy pieces done by such foreign artists as George H. Taggart and Louis Potter of Chicago, Lee F. Randolph of San Francisco, Pedro J. Lemos, Palo Alto, Calif., and the late Wm. Morris, London, England. The halls throughout the institution are graced by the collection instead of its being assembled in an art gallery.

GENERAL REQUIREMENTS FOR UNDER-GRADUATE WORK

ADMISSION

A student seeking admission to any of the colleges of the University must be a graduate of an accredited high school, or he must present sixteen units of approved high school work which must be acquired during four school years, or he must pass an examination in a sufficient number of subjects to make sixteen units. In no case shall fewer than twelve of the sixteen units be acquired during the last three years of high school. He must offer among his credits the following:

English	3 units
A principal group.....	3 or more units
A secondary group.....	2 or more units

The principal and secondary groups must be selected from either Mathematics and Science or from History and Social Science. At least one unit in Mathematics, either Algebra or Geometry, must be included in either the principal or the secondary group. If the principal group is from Mathematics and Science, the secondary group must be from History and Science, or vice versa.

To facilitate registration, a student seeking admission is requested to forward an official copy of his credits to the Registrar not later than September 1. If blanks for this purpose are not to be had at the local school, they may be obtained from the Registrar of the University.

In case a student is unable to furnish an official transcript of credits on or before the day of registration, he may be admitted tentatively, provided the committee on admission and credits is convinced he can furnish such transcript and otherwise meet the entrance requirements within thirty days. During this tentative period he will be rated as unclassified.

A student of twenty-one years of age or over, who has not completed sixteen units of high school work, but shows ability to do special work, may be admitted to any of the colleges of the University. Ability to do special work must be certified to by the heads of the departments concerned. He may pursue any course for which he has sufficient foundation, and will be rated as an unmatriculated student. To become a candidate for a degree such student must meet the entrance requirements.

A student who has met the entrance requirements but who is carrying fewer than eight hours of work will be designated as a special student.

COURSE DIVISIONS

Undergraduate courses of study are divided into:

(a) Lower Division.

(b) Upper Division.

Lower Division courses are numbered in the catalogue from "1" to "49," Upper Division courses from "50" to "99." Graduate courses are given numbers above "100."

ELECTION OF STUDIES

The student, in electing his studies, should, with the advice and approval of the dean of the college in which he registers, elect such studies as are desirable. The major and minor, as well as the general, requirement for graduation should be kept in mind in electing studies. Three hours credit in Physical Education are required of all Freshmen. Should a resident student desire to take courses by correspondence or in extension classes, the approval of the student's dean must be secured, and the correspondence or extension work entered upon the regular registration card. Excess work taken by correspondence or extension classes not approved in this manner, will not be recorded for credit. Resident students of other institutions who apply

for correspondence or extension class work, at this University, must have their proposed registration approved by the president of the institution in which they are registered. Students wishing to transfer correspondence credits from other institutions are subject to examination by the University department concerned.

At least five quarters of lower division work should be completed before the student registers for upper division work, unless in certain sequences the dean with the consent of the instructor advises otherwise. Included in the lower division work must be English 1, 2, 3; and for the A. B. degree twelve hours in foreign language work. It is recommended that as far as possible group requirements be completed by the close of the sophomore year.

CLASSIFICATION OF STUDENTS

A regular student with fewer than forty-five hours credit at the beginning of the school year will be classed that year as a Freshman.

A regular student with more than forty-five hours credit and fewer than ninety at the beginning of the school year will be classed during that year as a Sophomore.

A regular student with more than eighty-nine hours credit and fewer than one hundred thirty-five at the beginning of the school year will be classed during that year as a Junior.

A regular student with more than one hundred thirty-four hours credit at the beginning of the school year will be classed during that year as a Senior.

CREDITS

A student may have credit entered on the books of the University as follows: 1. For work done in the regular courses offered by the institution. 2. For work done in an accredited college when such credit is to be used for graduation from the University, the amount

to be determined by the committee on credit. 3. By passing a satisfactory examination in any course offered by the University under the supervision of the head of the department concerned. Credits from other schools should be filed with the Registrar upon entrance.

Special examination for advance credit will be given only with the consent of the head of the department concerned, the dean of the college in which the student is registered, and the committee on credit.

An incomplete course of study must be completed during the next quarter of residence, provided the next quarter of residence is within one year; otherwise the course must be retaken in a class or a special examination taken to obtain credit.

A fee of \$2.50 per credit hour is charged for special examinations, provided the total fee for any one subject does not exceed \$20.00.

GRADUATION

GENERAL REQUIREMENTS

For a student to be admitted to candidacy for a diploma or a degree, his scholastic record must show that he has satisfied the entrance requirements, and that he can fulfill all the requirements for graduation on the completion of the courses for which he is registered. At the time of graduation each candidate must be properly registered in the University, and must have completed at least forty-five hours of work in residence.

The following graduation requirements apply to all candidates for a bachelor's degree from any of the colleges of the University:

Total amount of credit.....	186 hours
Requirement for a major.....	30 hours
Requirement for a minor.....	20 hours

Group Requirements:

Mathematics and Physical Science..	12 hours
Biology and Psychology.....	12 hours
Social Science	12 hours
English and Foreign Languages.....	18 hours

Lower Division courses required:

English 1, 2, and 3.

Physical Education, three hours.

A candidate for a Bachelor of Arts degree is required to furnish 24 hours credit in a foreign language.

Not more than 28 hours of "D" grade credit will be applied towards graduation.

Students who expect to be graduated at the end of the spring quarter should file application with their dean not later than the beginning of the winter quarter. All conditions must be removed not later than ten days before graduation.

Students who fulfill all requirements for graduation at the close of the Summer Session and who have filed application for graduation not later than thirty days preceding the close of the spring quarter may have their graduation certified to by the proper authorities of the University, but they shall not be publicly graduated until the annual commencement of the following year.

The University reserves the right to change the requirements for graduation and a candidate for graduation will be asked to comply with all changes which pertain to the uncompleted portion of his course. The University Council is the body authorized to prescribe requirements of graduation and to pass on candidates.

GROUP REQUIREMENTS

Ordinarily the object of the first two years of the University curriculum is to introduce the student to fundamental fields of human interest and to provide a broad basis for later specialization. In order that these purposes may be achieved, certain studies should be

completed under the direction of the respective deans. Before a regular student will be permitted to register for more than five quarter hours of upper division work during any one quarter, he must choose or be tentatively assigned to a major professor and have completed the number of hours prescribed in each of the following groups:

1. Mathematics and Physical Science. 12 hours. (Mathematics, Chemistry, Physics, Geology, and Geography.) Not more than six quarter hours in one department may be counted in fulfilling this requirement. At least one of the courses taken must require no fewer than two hours of laboratory work each week.

2. Biology and Psychology. 12 hours. (Botany, Zoology and Entomology, Psychology.) Not more than six quarter hours in one department may be counted in fulfilling this requirement. At least one of the courses taken must require no fewer than two hours of laboratory work each week.

3. Social Science. 12 hours. (Economics, History, Political Science, Sociology.) Not more than six quarter hours in one department may be counted in fulfilling this requirement.

4. English and Foreign Languages. 18 hours, at least 12 hours of which must be in English. This group must include English 1, 2, and 3. In case a student has credit for at least two units of foreign language taken in high school, this group may be reduced to 14 hours.

MAJOR AND MINOR REQUIREMENTS

At least sixty hours of upper division work must be furnished by students applying for graduation.

At the beginning of his college course, and in no case later than his Junior year each student should select his major professor who, in connection with his dean, will serve as his special faculty advisor. At the

time of his graduation he must have completed no fewer than thirty quarter hours in the department in which he is majoring, and no fewer than twenty hours in a collateral or minor subject which meets the approval of his dean and his major professor. He must also satisfy any special departmental requirements announced in the catalogue.

In cases where the prospective graduate's high school and college work shows marked evidence of deficiencies in grade of scholarship, in breadth of training, or a preparation for probable future activity, the dean may use his discretion in prescribing certain specified courses to the extent of fifteen quarter hours according to the needs of the particular student.

THE GRADUATE SCHOOL

All graduate work leading to higher degrees is now administered under the direction of the Graduate School.

Character of Graduate Work. The essential aim of graduate study is to develop the power to do independent work and to encourage the spirit of research. Each candidate for a higher degree is expected to possess a broad, general knowledge of his major and a fair degree of information in his minor subject.

Registration. All students pursuing graduate work are to be registered by the Dean of the Graduate School.

Students holding a Bachelor's degree equivalent to that conferred by the Brigham Young University will be admitted to graduate work without examination.

If during any quarter of the senior year a candidate for a baccalaureate degree finds it possible to complete all requirements for such degree with a registration of fewer than sixteen hours of undergraduate credit he may register with the Dean of the Graduate School for enough graduate credit so that the total

registration shall not exceed sixteen quarter hours during such quarter.

Admission to graduate courses is granted only to those who have the requisite undergraduate work in those courses or departments. In order adequately to determine this fact the student should file with the Dean of the Graduate School an official transcript of his undergraduate courses at the time that he registers for graduate study.

Each graduate student must submit his course of study and the title of his thesis to his major professor and the Dean of the Graduate School for approval. Changes in registration may be made only with their consent.

Graduate credit is given under the following conditions: (1) The courses for which graduate credit is given must be definitely catalogued as courses carrying graduate credit. (2) Only those students who are eligible to receive graduate credit at the time a course is taken will receive graduate credit for such a course.

Admission to Candidacy. Registration for graduate study does not admit a student to candidacy for a higher degree. A graduate student who has been in residence one quarter or more whose thesis subject has been approved, and who has given evidence of ability to do work of a graduate character may be admitted to candidacy for a higher degree by vote of the University Council. The mere accumulation of credits does not necessarily indicate ability to do graduate work. All applications for admission to candidacy for a higher degree should be made to the Dean of the Graduate School.

Requirements for the Master's Degree. Two higher degrees are offered: Master of Arts (M. A.), provided the candidate meets the foreign language requirement for the A. B. degree; and Master of Science (M. S.) if the candidate does not meet the foreign language requirement for the A. B. degree. A student may be admitted to candidacy upon the completion of the fol-

lowing requirements: (a) The candidate must, after securing a Bachelor's degree, furnish 48 hours of graduate credit, approved by the Dean of the Graduate School and major professor, 32 hours of which must be in residence, in addition to 186 hours of college credit, and 16 units of high school credit. (b) A thesis must be submitted based on work done in some field of investigation within the major department, and which must show evidence of independent research. The final acceptance of the thesis shall be under the supervision of a committee to be known as the Thesis Committee. This Committee shall consist of the major professor and two other persons to be selected by him. The thesis must be completed at least ten days before the final examination. (c) At least fifteen days before graduation, the candidate must pass an oral examination to be given by a committee to be known as the Examining Committee. This Committee shall consist of five members including the Dean of the Graduate School, the major professor, and three other members to be selected by them.

The candidate shall furnish complete copies of his thesis to his major professor and to the Dean of the Graduate School at least five days before the date of the final examination. (d) A bound typewritten or printed copy of the thesis must be furnished the University library. Before the degree is granted the candidate must file with the Dean of the Graduate School a statement from the Librarian acknowledging the receipt of this copy. (e) A candidate for a Master's degree must secure a grade of "B" or above in three-fourths of his graduate work. No grade below "C" will count toward a Master's degree. (f) An applicant for this degree must furnish at least one-half of his graduate credit in his major subject. The rest of the credit for this degree must be offered in work closely related to the major subject.

SCHOLARSHIP HONORS

In recognition of meritorious work, scholarship

honors are granted to members of degree graduating classes in accordance with the following:

First. There shall be two degrees of honor:

Graduation with Honor, and Graduation with High Honor.

Second. The awards shall be made on the basis of excellence shown in the upper division or graduate work done in the Brigham Young University.

Third. To receive the award of Graduation with Honor a student shall have a record of not fewer than thirty hours of upper division work showing "A" grade and not fewer than fifty hours of such work showing "A" and "B" grades.

Fourth. To receive the award of Graduation with High Honor a student shall have a record of not fewer than forty hours of upper division work showing "A" grade, and not fewer than fifty-five hours of such work showing "A" and "B" grades.

Fifth. The number of graduates receiving honors shall not be greater in any year than one-fifth of the number of students graduating. In the event that more than one-fifth of the graduates shall meet the honor requirements set forth above, the students to receive honors shall be chosen as follows: The number of hours of "A" grade of each subject shall be multiplied by "1½," and the number of hours of "B" grade by "1." The one-fifth of the graduates receiving by this process the highest product totals shall receive honors.

Sixth. It shall be the duty of the Committee on Graduation to make selection of candidates in accordance with these provisions.

Seventh. The announcement of honor awards is to be made at the annual commencement exercises.

Term Honors. The University will post and publish at the close of each quarter of the regular school year the names of the one graduate student, the five

senior college students (juniors and seniors), and the five junior college students (freshmen and sophomores) who have received the highest grades in classwork during the quarter.

Class grades are to be used exclusively in determining honors, except in case of a tie, when the general school activity of the student shall be considered. The basis of the computation shall be credit hours times grade; and an "A" shall count one and one-half times a "B."

Colleges

COLLEGE OF APPLIED SCIENCE

The aim of the College of Applied Science is to provide instruction in the scientific principles and technical operations pertaining to the farm, the home, the shop, and the professions, trades, and industries related to the same. Students may specialize in any one of the many fields of applied science and prepare for capable leadership and efficient service in their chosen lines.

Majors may be selected from the following departments in the College of Applied Science: Agronomy, Animal Husbandry, Horticulture, Home Economics, Mechanic Arts.

The work offered will be of standard collegiate grade and upon completion of the required amount of study in fundamental subjects, specialized courses, and related work a student may be granted the degree of Bachelor of Science or Bachelor of Arts.

COLLEGE OF ARTS AND SCIENCES

The primary purpose of the College of Arts and Sciences is to meet the needs of students who desire a broad and liberal education that will enable them to find and take their places in the complex civilization of today. Abundant opportunity is provided for those who have ambition for specialized study in engineering, medicine, law; or who desire to train for religious, political or social leadership. Preparation for original investigation in the fields of this college is emphasized. Students who wish to build a foundation for advanced degrees will find this college rich in opportunity.

Students may select their majors from many of the following departments in the College of Arts and Sciences: Botany, Chemistry, English, Geology and Geography, History, Mathematics, Modern and Classical Languages, Physics, Political Science, Psychology,

Sociology, and Zoology and Entomology. The degrees, Bachelor of Arts and Bachelor of Science, are given to graduates of this College.

COLLEGE OF COMMERCE

The purpose of the College of Commerce is to provide training for leadership in finance and industry. Courses are so arranged that students will be given the training that will best fit them for analyzing business conditions, for efficiency in office administration, and for the demands of the industrial and financial world. The degrees, Bachelor of Science and Bachelor of Arts, are given to graduates of this College.

Majors may be selected from the following departments: Finance and Banking, Accounting and Business Administration, Economics, and Political Science.

COLLEGE OF EDUCATION

The College of Education is one of the professional schools of the University. Its principal function is the training of teachers, principals, supervisors, and superintendents. This college aims to meet the requirements of the Utah State Board of Education for the various grades of elementary and high school certification and for certificates and diplomas in administration and supervision.

The College of Education is made up of two constituent divisions, namely: The department of academic instruction, and the training schools.

The following departments are at present organized: Elementary Education, Philosophy of Education, Psychology, Educational Administration, Secondary Education, Religious Education, Physical Education.

In addition to the foregoing departments for majors and minors in the College of Education, students of this college may major in any department of the University, which department requirements they fulfill, provided they take at least thirty hours in professional educational subjects.

Students who intend to qualify for teaching should declare their intentions of doing so at the beginning of their junior year, if they intend to teach in the high schools, or at the beginning of their freshman year if they intend to teach in the elementary schools. Those who are preparing for high school teaching should also choose not later than the beginning of their junior year, a teaching major and a teaching minor in some of the departments of the University.

Training Schools—Two training schools are established: first, an elementary training school organized for practice teaching for those preparing for kindergarten and elementary school work; second, a secondary training school which offers training in the six years of high school and gives ample opportunity for practice teaching to advanced students.

The degrees of Bachelor of Arts and Bachelor of Science are given to graduates of this College.

Students who are planning to become teachers in the elementary schools will be required to take a three-year course leading to the normal diploma which is granted to students registered in the College of Education who complete three years of college work. The prescribed work for this diploma is as follows:

Courses in education: Elementary Education 1, 12, 51, 52, 54, 55, 61 or 62; Art 41, 42; Music 41, 42; Physical Education 3 hours; Psychology 21; Zoology 20, 58. Other required courses: English 1, 2, 3; Botany 21; History 1, 82; Library 11; Sociology 55, 71; Speech 4 or 11.

Due to increasing the requirements for the Normal diploma from two years to three years, which transition began in 1932-33, second-year students may take elementary training during the school year 1933-34; but beginning in 1934-35, only students of junior standing will be permitted to take elementary training.

This diploma is an endorsement of the student's fitness to teach in the elementary schools and will en-

able the student to secure a first class certificate from the state. Because of the size of the training school only a limited number of students can receive training each year.

Junior high school teachers are expected to complete three years of college work including the same special requirements made of senior high school teachers; viz., a teaching major of 30 hours or two minors of 18 hours each.

The Utah State Board of Education prescribes the following for an applicant for a Utah Five-Year High School Certificate:

"That he has completed a standard college course of four years or its equivalent.

"That he has a teaching major of 30 quarter hours in one subject taught in Utah high schools, and one teaching minor of 18 quarter hours in one subject taught in Utah high schools.

"That he has completed 3 quarter hours of work in health education, 5 quarter hours in ethics or sociology, and 5 quarter hours in political science or economics.

"That he has at least 27 quarter hours of credit in education including at least 8 quarter hours in secondary training, 3 quarter hours in science or principles of education, 3 quarter hours in organization and administration of secondary education and 3 quarter hours in educational psychology.

"Deviation from any of these subjects should be made only with the approval of the School of Education giving the course."

COLLEGE OF FINE ARTS

The policy of the University has always provided for a liberal patronage of the fine arts. A constantly growing desire to offer greater opportunities to those whose inclinations and talents lead them into this field resulted in the organization of the College of Fine Arts.

With an exceptionally well prepared faculty, who have received the benefits of extended study and travel

in recognized art centers, and adequate physical equipment in each department, this college is able to do work of high scholastic standing.

Any course offered in this college, leading to a degree, is the cultural equivalent to other college courses differing from them mainly in respect to the emphasis placed upon the study of the fine arts.

At present the following departments are fully organized: Art, Speech, and Vocal and Instrumental Music. Majors may be selected from the work offered by these departments. Graduates of this college may receive the degree of Bachelor of Arts or Bachelor of Science.

SUMMER SESSION

It is the policy of the Brigham Young University to make the summer session one of the regular quarters of the school year. A large corps of teachers, supplemented by well known educators from other institutions, offers a wide range of subjects from each of the departments of the school.

The summer session is divided into two terms so that students may be in attendance only part of the summer, if they desire, without hindrance to the completion of their courses. The first term is held on the Provo Campus, the second on the Alpine Campus to the east of Mount Timpanogos. This latter campus is located about fourteen miles from Provo at an elevation of nearly 7000 feet. Splendid roads lead to it, making it easily accessible to anyone wishing to drive there. Although a wide range of subject matter is taught on this campus it affords exceptionally fine conditions for the study of art and the natural sciences.

The summer session offers the opportunity to persons who are employed during the usual nine months of schooling to pursue graduate work, and to regular students the opportunity to complete requirements for graduation in a shorter time than four years.

LYCEUM COURSE

For many years the University has brought to its students distinguished men and women in lectures, in dramatic art, and in music.

During the past year the following appeared on the course:

John A. Lomax, cowboy songs

The Cherniavskys

Harriet Ware, composer

Emma Lucy Gates, soloist

Courses of Instruction

ACCOUNTING AND BUSINESS ADMINISTRATION

Professors Clark, Eastmond, Poulson, Nelson, Marshall; Associate Professor Boyle; Assistant Professors Jensen, Johnson; Mr. Coffman.

Students majoring in this department are required to take courses 1, 2, and 74.

Lower Division Courses

1. **Elementary Accounting.** Autumn, Winter, and Spring. Daily. Autumn 1:30; Winter 10:30; Spring 1:30. Daily laboratory 1:30-3:30, one hour of which is required each day. Five hours credit. Johnson.

An introduction to college accounting. The aim of this course is two-fold: first, a preparation for those who plan to enter business at once, and second, as a foundation course for advanced work in accounting.

2. **Elementary Accounting.** Winter and Spring. Daily. Winter 1:30; Spring 10:30. Daily laboratory, 1:30-3:30, one hour of which is required each day. Five hours credit. Johnson.

Continuation of course 1.

- 14, 15, 16. **Commercial Art.** Autumn, Winter or Spring. M. W. F., 10:30. One or two hours credit each quarter. Jensen.

Show card writing; poster art; advertising arrangement. Psychology of line, form and color.

- 17, 18, 19. **Process Illustrating.** Autumn, Winter, Spring. T. Th., 2:30. Two hours credit each quarter. Eastmond.

Methods of drawing and painting for illustration. Drawing of the various process methods for modern engraving. Practical illustration. Prerequisite: Art 7.

27. **Agricultural Marketing.** (See Economics 31.) Johnson.
30. **Geography of Economic Products.** (See Geography 31.) Coffman.

Upper Division Courses

- 50, 51, 52. **Intermediate Accounting.** Autumn, Winter, Spring. M. T. W. Th., 10:30. Four hours credit each quarter. Clark.

Primarily a study of corporation accounting with special emphasis placed on problems of depreciation, bases of revaluation, inventorying, etc. Open to students who have had Accounting 1, 2, and 3, or the equivalent.

53. **Principles of Risk-Bearing.** M. W. F., 10:30; three hours credit. Johnson. (See Economics 53.)

54. **Credits and Collections.** Winter. M. W. F., 1:30. Three hours credit. Boyle.

A course in credits which stresses the mercantile business aspects of the subject. Principles covering the granting of credit, the control of the credit line, when and how collections are made, establishment of Retail Credit Bureaus, contracts, installment selling plans will make up the basic elements of the course. Prerequisites, Economics 1 and 2.

56. **Mathematical Theory of Investment.** Spring. M. W. F., 2:30. Three hours credit. Marshall. (See Mathematics 35.)

57. **Marketing.** Autumn. M. W. F., 8:30. Three hours credit. Johnson.

An elementary course in Marketing in which the fundamental principles of Advertising and Salesmanship will be covered. The methods used to distribute manufactured goods rather than agricultural products will make up the basic elements of the course. Prerequisites, Economics 1 and 2.

- 58. Retail Store Management.** Winter. M. W. F., 8:30. Three hours credit. Johnson.

Individual proprietorship, voluntary chain, independent chain, cooperative chains, department stores, department store chains and specialty stores. Problems of management, accounting policies, financial and merchandise control and organization structures will be studied critically. Prerequisites, Economics 1 and 2, Accounting and Business Administration 1 and 2, or 53, 54, 57.

- 59. Advanced Marketing.** Spring. M. W. F., 8:30. Three hours credit. Johnson.

A course for senior classification in which the information in marketing in general will be drawn together for the executive of today who must look upon research as one of the numerous tools available to him. The intelligent use of marketing as such will be stressed. Prerequisites, courses 57 or 58.

- 62. Industrial Management.** Winter. M. W. F., 10:30. Three hours credit. Boyle.

This course deals with the necessity of research and original and creative thinking on the part of the business managers today if they are to raise business to a science and management to a profession. The organization of business for the most effective control of general administration, sales, purchases, etc., will be stressed. Prerequisite, Economics 61.

- 63. Personnel Administration.** Spring. M. W. F., 10:30. Three hours credit. Boyle.

A study of modern practices and development in the scientific adjustment of the relations of employer and employee. This course places emphasis on the right human relations in industry in our complex machine age. Such problems as labor supply, labor turnover, promotion policy, trade tests, job analysis, etc., are studied. The significance to management of scientific labor control will be stressed. Senior clas-

sification, or Psychology 11 or 64 suggested as prerequisite.

64. Business Psychology. Autumn. M. W. F., 9:30. Three hours credit. Poulson. (See Psychology 64.)

65. Experiments in Business Psychology. Winter. Lecture W. 2:30. Laboratory M. W. F., 3:30-5:30 or equivalent number of hours to be arranged. Three hours credit. Poulson.

66. Vocational Psychology. Spring. M. W. F., 8:30. Three hours credit. Poulson. (See Psychology 66.)

67. Real Estate Procedure. Autumn. M. W. F. Three hours credit. Boyle.

A course which deals with the real estate problem, urban land valuation, real estate merchandising and selling, the problem of the separation of land and building valuation for rental purposes.

68. Business Management. Spring. M. W. F., 1:30. Three hours credit. Boyle. (Not given this year.)

A course in which the business cycle and its relation to policies and principles of business management is studied. Senior standing is a prerequisite in order to draw upon the entire college background of business training.

74. Principles of Statistics. Autumn and Winter. M. W. F. Autumn 1:30; Winter 2:30. Three hours credit each quarter. Boyle.

Introduction to statistics. Collection and interpretation of data; methods of analyzing figures; graphic and charting technique; economic research procedure; averages, measures of dispersion, correlation and probability. This course required of all majors in Economics, Finance and Banking, and Accounting and Business Administration.

75. Business Statistics. Winter and Spring. M. W. F. Winter, 1:30; Spring, 2:30. Three hours credit each quarter. Boyle.

Fundamental methods of statistics in business and economic applications. Estimating future business; economic forecasting; fluctuations of business. Practical problems concerned with business facts, past, present and future will be used. Prerequisite: a course in elementary statistics.

81, 82, 83. Commercial Art. Autumn, Winter, and Spring. T. Th., 10:30. Two hours credit each quarter. Jensen. (See Art 61, 62, 63.)

Poster designing and lettering. Systems of lettering; sign writing in various mediums; historical alphabets. Prerequisites, Accounting and Business Administration 14, 15, 16.

91. Cost Accounting. Autumn. M. T. W. F., 8:30. Four hours credit. Boyle.

Introduction to methods and principles of cost finding. Specialized methods of handling materials costs, labor costs and overhead expense. Course 62 advised in connection with this course. Prerequisites: Accounting and Business Administration 50, 51 and 52.

92. Advanced Cost Accounting. Winter. M. T. W. F., 8:30. Four hours credit. Boyle.

Industrial accounting. Practical work in cost determination. Analysis of uniform cost accounting systems of modern industries. Prerequisite: Accounting and Business Administration 91.

93. Income Tax Procedure. Autumn. M. W. F., 1:30. Three hours credit. Boyle.

Federal and State income tax regulations and procedure. This course is designed to qualify the student for practical income tax work. Prerequisites: Accounting 50, 51, and 52.

- 94. Auditing Theory.** Winter. M. W. F., 9:30. Three hours credit. Boyle.

Principles and methods of public accounting work. Rules of professional responsibility and conduct. Advanced interpretation of accounts and financial statements. Prerequisite: Accounting and Business Administration 50, 51, and 52.

- 95. Auditing Practice.** Spring. M. W. F., 9:30. Three hours credit. Boyle.

Practical work in auditing. Technique of verification of accounts and financial statements. Audit working papers. Prerequisite: Accounting and Business Administration 94.

- 96. Advanced Accounting Problems.** Spring. M. T. W. F., 9:30. Four hours credit. Boyle.

C. P. A. and American Institute of Accountants' problems. This course is primarily a review of advanced accounting. Courses recommended as preparation: Accounting and Business Administration 50, 51, 52, 90, 93, and 94; Finance and Banking 21, 22, 23, 51 and 52. Prerequisites: Accounting and Business Administration 50, 51, 52.

Graduate Courses

- 101. Cost Accounting.** (See Accounting and Business Administration 91.)

- 102. Advanced Cost Accounting.** (See Accounting and Business Administration 92.)

- 103. Income Tax Procedure.** See Accounting and Business Administration 93.)

- 104. Auditing Theory.** (See Accounting and Business Administration 94.)

- 105. Auditing Practice.** (See Accounting and Business Administration 95.)

- 106. Advanced Accounting Problems.** (See Accounting and Business Administration 96.)

- 111-112-113. Research in Accounting.** Hours and credit to be arranged with instructor.

- 114-115-116. Research in Statistics.** Hours and credit to be arranged with instructor.

AGRONOMY

*Professors Martin, Nelson, Stewart; Associate Professor Sudweeks;
Mr. Coffman, Mr. Shaw.*

Lower Division Courses

- 21. Root Crops.** Spring. Daily, 10:30. Four hours credit. Shaw.

Sugar beets and potatoes receive special emphasis. Seed selection, testing, discussion of experiment station results, etc.

- 22. Cereal Crops.** Winter. 10:30. Four hours credit. Shaw.

Selecting, grading, judging, and methods of production are studied. Special emphasis will be placed upon a review of the results obtained at the various experiment stations throughout the world, the aim being to gain, not only theoretical material, but much practical information obtained at great cost by the scientific investigators.

- 23. Forage Crops.** Autumn. Daily, 10:30. Four hours credit. Shaw.

History, cultivation, experiment station results, etc.

- 41. Soils.** Autumn. M. W. F., 9:30. Lab. Mon. 2:30-4:30. Three or four hours credit. Martin.

A review of the entire field of soil study. The physical, chemical and microbiological phase of soil study receives attention. Origin and nature of soil, soil water, heat and air; irrigation, dry farming and drainage problems, together with a study of nitrogen relationships, fertilizers and fertilizing problems are the principal topics discussed. This course constitutes a foundation course for those who are interested in agriculture.

Upper Division Courses

- 52. Soil Fertility.** Winter. M. W. F., 8:30. Laboratory period, M., 2:30-4:30 (prerequisite for laboratory: Chemistry 10.) Three or four hours credit. Martin.

This course deals especially with availability of soil nutrients, alkali soils, soil organisms, farm manures, green manures and crop rotation.

- 57. Soil Geology.** Spring. M. W. F., 8:30. Three hours credit. Martin. (See Geology 57.)

Prerequisites: Geology 1, Agronomy 41. General Chemistry is also advised. This course consists of a review of the geological forces responsible for the formation of soils, together with a study of the influence that climate through the ages has had on the various soil horizons. The location, character and forces responsible for the characteristics of the major soil divisions of the United States and the world receive considerable emphasis.

- 58. Soil Survey; Evaluation and Classification of Land.** Spring. T. Th., 2:30-5:30. Two hours credit. Martin. Prerequisites: Agronomy 41, 57, and Chemistry 4, 5, 10.

This course is designed to follow Soil Geology. The aims and methods of soil survey, together with land evaluation and classification as an outgrowth of the survey work, are discussed. The course consists largely of field and laboratory work.

- 61, 62. Farm Management.** Winter and Spring. T. Th., 8:30. Two hours credit each quarter. Shaw.

This course takes up the general consideration of farm management, types of farming, organization of farm business, soil management factors, sources of profit and loss, farm management surveys, etc. It is suggested that the following courses precede the courses in farm management: Economics 11, 12; Horticulture 1, 2; Animal Husbandry 2, 21; Agronomy 22, 23, and 41.

63. Irrigation and Drainage. Autumn. Three hours credit. Coffman. (See Geology 63.) (Not given this year.)

64. Teaching of Agriculture. Autumn. Three hours credit. Sudweeks. (See Secondary Education 63.)

70. Range and Forest Soils. One to four hours credit. Stewart and Martin.

Nature and quality of soils as they occur on ranges and forests of the intermountain region; physical and chemical properties of these soils; distribution of principal soil types, particularly in relation to the native vegetation; irrigation and its influence on the soil cover and on plant production. Advanced students admitted by application for thesis problem in field during spring, summer or autumn.

91. Western Land Problems. Spring. M. W. F. Three hours credit. Nelson. (See Economics 91.) (Not given this year.)

92. Soil Bacteriology. Autumn. M. W. F., 8:30. Three hours credit. Martin.

Prerequisites: Botany 21, and Agronomy 41, 52. A lecture course designed to acquaint the student with bacteria in relation to soil fertility. A study will be made of ammonification, nitrification, nitrogen fixation, organic matter and mineral transformation, energy transformation, microbiological analysis, oxidation and reduction processes, influences of environmental conditions, etc.

93. Soil Bacteriology. Autumn. W. F., 2:30-5:30. Two hours credit. Martin.

A laboratory course to accompany course 92. It will consist of a study of methods used in bacteriological investigation. Prerequisites: Botany 21, 22, and Chemistry 6.

94. History of Agriculture. Spring. M. W. F., 9:30. Three hours credit. Nelson. (See Economics 93.)

- 95. Soil Mycology.** Winter. W., 10:30, and laboratory period W. F., 2:30-4:30. Three hours credit. Martin.

A morphologic physiologic and identification study of molds and actinomycetes. Special emphasis on soil forms and their relationship to organic matter decomposition.

- 96. Seminar.** One hour credit each quarter. Martin and Nelson and Shaw.

Current agronomic literature, agricultural problems. Assigned topics will be considered in the form of a round table discussion. Required of all seniors and graduate students majoring in agronomy.

- 97. Research.** Seniors specializing in agronomy may elect research work from three to six hours. Time and credit to be arranged. Martin.

- 98. Special Problems in Soils.** Credit, time, and subject matter to be arranged. Martin.

Chemical, bacteriological and other special laboratory work.

- 99. Agricultural Literature.** A study of agronomic literature. Special problems and written reports. Time and credit to be arranged. Martin.

Graduate Courses

- 157. Soil Geology.** Spring. M. W. F., 8:30. Three hours credit. Martin.

- 158. Soil Survey and Evaluation.** Two hours credit. Martin.

- 170. Range and Forest Soils.** Four or five hours credit. Stewart.

- 191. Western Land Problems.** Spring. Three hours credit. Nelson. (Not given this year.)

- 192. Soil Bacteriology.** Autumn. M. W. F., 8:30. Three hours credit. Martin.

- 193. Soil Bacteriology.** Autumn. W. F., 2:30-5:30. Two hours credit. Martin.

- 195. Soil Mycology. Three hours credit. Martin.
- 196. Seminar. Credit to be arranged.
- 197. Research. Time and credit to be arranged.
- 198. Special Problems in Soils. Time and credit to be arranged.
- 199. Agricultural Literature. Time and credit to be arranged.
- 200. Thesis. Credit to be arranged.

ANIMAL HUSBANDRY

Assistant Professor Ivins; Professor Martin; Dr. Cullimore.

Lower Division Courses

1. **Elementary Stock Judging.** Autumn. M. W. F., 1:30-4:30. Three periods of three hours a week. Three hours credit. Ivins. (Not given this year.)

This course consists of a study of the market types and classes of live stock. Field trips will be made to farms of the county where practice in scoring and judging of animals will be done.

2. **History of Breeds.** Autumn. Daily, 9:30. Five hours credit. Ivins.

All the breeds of live stock will be studied. Special emphasis will be directed to the condition under which the breeds were formed, the men who did the work, and the adaptability of the breed to western conditions.

4. **Beef Cattle Husbandry.** Winter. T. Th., 9:30. Two hours credit. Ivins.

This course is a consideration of the types and breeds, feeds, care and management of beef cattle for western conditions. The student will be made familiar with beef animals by frequent field trips.

5. **Sheep Husbandry.** Spring. T. Th., 10:30. Two hours credit. Ivins.

Types and breeds of sheep will be reviewed followed by study of the management, care and feeding of sheep, both on the range and on the farm.

6. **Swine Husbandry.** Winter. T. Th., 10:30. Two hours credit. Ivins

Types, breeds and management of swine and their place on western farms. Emphasis will be put on their relation to dairy farming.

- 7. Feeding of Farm Animals.** Spring. M. W. F., 10:30. Three hours credit. Ivins.

A study of the chemical composition of feeds, the needs of the animal body, the compounding of rations and methods of practice in feeding.

- 8. General Poultry.** Winter. M. W. F., 9:30. Three hours credit. Ivins.

A study of breeds, judging, breeding, incubating, brooding, housing, feeding and marketing.

- 9. Diseases of Farm Animals.** Autumn. M. W. F., 1:30. Three hours credit. Ivins.

A study of the anatomy of farm animals, of the common diseases of horses, cattle, sheep, hogs, and poultry; their causes, prevention, and treatment.

- 21. Elements of Dairying.** Autumn. M. W. F., 8:30. Three hours credit. Ivins.

A general survey of dairying and its relation to Utah agriculture; the secretion, composition and properties of milk; the conditions that affect quantity and quality of milk; the Babcock test, the cream separator, the lactometer, methods of creaming, care of milk on the farm, use of milk and its products as human food.

Upper Division Courses

- 51. Animal Breeding.** Spring. M. W. F., 9:30. Three hours credit. Ivins.

The aim of this course is to study the specific principles, practices, and methods involved in the breeding and development of domesticated animals. Such topics as Mendelism in animals, transmission, heredity, value of pedigree, systems of breeding, records, etc., are considered. Prerequisite: Zoology 78, or Botany 80.

- 59. Types and Breeds of Poultry.** Spring. T. Th., 9:30. Two hours credit. Ivins.

A study of the popular breeds of domestic fowls, their origin, methods of classification, standard requirements, methods of mating and breeding. De-

signed especially for students planning to engage in Smith-Hughes and club work.

- 61. Special Poultry Problems.** Autumn. T. Th., 10:30. Two hours credit. Prerequisite: Animal Husbandry 8.

Detailed study of problems of housing, brooding, feeding and culling. Study of latest developments in these fields, using current literature as basis of work.

- 62. Dairy Bacteriology.** Spring. Laboratory 1:30 to 4:30, T. and Th., and one class period to be arranged. 3 hours credit. Martin.

Attention is given to the bacteria of milk and dairy products in general, and their relation to disease. Prerequisites: Botany 21 and 22, and Animal Husbandry 21.

- 65. Animal Physiology.** Spring. M. W. F. Laboratory, T., 1:30-4:30. Five hours credit. Cullimore. (See Zoology 65.)

- 81. Milk and Milk Products.** Winter. M. W. F., 10:30. Three hours credit. Ivins.

A course dealing with the properties, composition, and constituents of milk, the manufacture and marketing of milk products. Prerequisites: Animal Husbandry 21 and one year of bacteriology.

- 91. Dairy Survey.** Winter. Time to be arranged. One hour a week. One hour credit. Ivins.

A study of current literature and experiments in dairy work. Each student will be expected to make reports on various subjects in this field which will be discussed by the class.

- 92. Seminar.** Spring. Time to be arranged. One period a week. Ivins.

Current literature and problems in the field of Animal Husbandry will be studied and discussed. Required of all seniors who major in Animal Husbandry.

- 98. Experimental Animal Nutrition.** Open to seniors and graduates only. Prerequisites: 5 hours in organic or bio-chemistry, and Animal Husbandry 7. This course is designed to acquaint students with the methods used in small animal experimentation. One hour lecture. Laboratory time and credit to be arranged.

Graduate Course

- 110. Research in Nutrition.** Time and credit to be arranged. Ivins.

Open to graduates only, major or minor. Designed for students in Animal Husbandry and Home Economics who desire to get acquainted with the problems of nutrition.

ART

*Professors Eastmond, Larsen; Associate Professor Morris;
Assistant Professors Jensen, Snell; Mrs. Gourley.*

Students majoring in Art are required to take courses 1, 7, 8, 9, 11, 12, 13, 21, 38, 39, 40, 52, 53.

Lower Division Courses

- 1. Art Appreciation.** Autumn. M. W. F., 1:30. Three hours credit. Eastmond.

Foundational principles of art introduced as a means for the general appreciation of art in nature and in the creations of the artist.

- 7. Graphic Representation.** Autumn. M. W. F., 2:30. Two hours credit. Larsen.

Object drawing in various media. Emphasis upon tone study in charcoal and upon mass media. Linear and circular perspective.

- 8. Graphic Representation.** Winter. M. W. F., 2:30. Two hours credit. Larsen.

Emphasis upon drawing from still life, the cast, and the costumed model. Objective composition.

- 9. Graphic Representation.** Spring. M. W. F., 2:30. Two hours credit. Larsen.

Study of perspective. Outdoor sketching in pencil and crayon media.

- 11, 12, 13. Water Color Painting.** Autumn, Winter, Spring. T. Th., 3:30-5:30. Two hours credit each quarter. Eastmond.

Pictorial composition emphasized. Theory of color scheming. Standard methods introduced. Out-door sketching.

- 14, 15, 16. Commercial Art.** Autumn, Winter, Spring. T. Th., 1:30. One to two hours credit each quarter. Jensen.

Show card writing, poster designing, advertising arrangement.

17, 18, 19. Process Illustration. Autumn, Winter, Spring. T. Th., 10:30. Two to four hours credit each quarter. Eastmond.

Method of drawing and painting for illustration. Drawing for the various process methods of modern engraving. Correlative illustration. Color theory applied. (Art 7 or the equivalent is prerequisite to 18.)

21. Theory and Practice of Design. Autumn, Sec. 1, M. W. F., 1:30. Sec. 2, T. Th., 1:30: Sections are arranged to correlate with the lines of work taken up in Art 25, 28, 29, etc., 32p, 35, 47, etc. Two hours credit. Eastmond and Larsen.

Rhythm, balance, harmony, and other foundational principles. Color study. The principles of design and color theory that are fundamental to the courses of pictorial composition, process illustrating commercial art, applied arts, stage craft, scenery painting, textile arts, interior decoration, costume design, mechanic arts design, normal art, etc.

Art 25, 26. Applied Design. Winter and Spring. T. Th., 1:30. Studio hours to be arranged. Two hours credit. Eastmond.

The principles of creative design as applied to the textile arts (dyeing, batik, stenciling, block printing, etc.), and ceramics (especially china painting). Theory of color adapted to creative design. Motif drawing emphasized. Prerequisite: Art 21.

28. Home Planning. Winter M. W. F., 1:30. Two hours credit. Larsen.

Art principles applied to house planning. Historic development of the house. Study of common types of American homes. Relation of house and garden. Study of line, form and color.

29. Interior Decoration. Spring, M. W. F., 1:30. Two hours credit. Larsen.

The study of the art principles as applied to the decoration and the furnishing of the home.

- 32p. Ceramic Art (China Painting, etc.).** Winter. Time to be arranged. One or two hours credit. Special fee for private instruction. Prerequisite: Art 21. Mrs. Gourley.

Application of the various methods of original design in the decoration of appropriate wares.

- 33p. Ceramic Art.** Spring. Time to be arranged. One or two hours credit. Special fee for private instruction. Prerequisite: Art 25. Mrs. Gourley.

Emphasis on original designing.

- 35-36. Mechanic Arts Design.** Winter, Spring. M. W. F., 1:30. Two hours credit each quarter.

Application of design principles applied to the work of mechanic arts. Prerequisite: Art 21.

- 38. Outdoor Sketching with Oil Colors.** Autumn. M. W. F., 3:30 to 5:30. Two hours credit. Larsen.

Landscape study. Brush drawing of trees and other landscape elements. Representation of foreground, middle distance, and distance. Landscape composition.

- 39. Still Life and Figure Painting with Oil Colors.** Winter. M. W. F., 3:30 to 5:30. Two hours credit. Larsen.

Painting of flowers, fruits, pottery, and other still life objects. Pictorial composition emphasized.

- 40. Outdoor Sketching with Oil Colors.** Spring. M. W. F., 3:30 to 5:30. Two hours credit. Larsen.

- 41, 42, 43. Art for Elementary School Teachers.** Autumn, Winter, Spring, M. W. F., 3:30. One to three hours credit each quarter. Jensen.

Simple drawing and painting with various media. Paper cutting and construction, clay, crayons, water color, etc. Study of materials suitable for elemen-

tary applied design. Subject matter and standards of achievement for each grade. Objectives and methods emphasized.

- 47, 48. **Scenery Painting.** Winter and Spring. T. Th., 3:30. Two hours credit each quarter. Eastmond.

The principles of pictorial and decorative composition applied to the theatrical stage. Applied color theory. Stage property designing and painting. Practical scenery painting. Prerequisite: Art 21.

Upper Division Courses

52. **Art History and Appreciation.** Winter. M. W. F., 1:30. Three hours credit. Eastmond.

Prehistoric structure, sculpture, graphic art and decoration. Interpretation and classification of the most important masterpieces of architecture, sculpture, decoration and painting of ancient times to the end of the middle ages. Illustrated lectures.

53. **Art History and Appreciation.** Spring. M. W. F., 1:30. Three hours credit. Eastmond.

Renaissance architecture, sculpture, and decoration. Emphasis upon schools of painting beginning with the Primitive Florentine down to those of the nineteenth century. Illustrated lectures.

54. **Methods of Teaching Art.** Autumn, Winter or Spring. M., 3:30. Two hours credit. Eastmond. (See Secondary Education 62.)

- 57, 58, 59. **Interpretative Drawing.** Autumn, Winter, Spring. M. W. F., 3:30. Two hours credit. Larsen.

Figure and nature compositions in various media. Head, life, and the costumed model emphasized.

- 61, 62, 63. **Commercial Art.** Autumn, Winter, Spring. T. Th., 1:30. Studio hours to be arranged. Two to four hours credit each quarter. Jensen.

Poster designing and lettering. Systems of lettering. Sign writing in various media. Historic alphabets. Prerequisites: Art 14, 15, 16, 21.

- 64. Water Color Painting.** Autumn. T. Th., 3:30 to 5:30.
Two to four hours credit. Eastmond.

Objective landscape and still-life painting. Emphasis upon composition in line, mass and color. Theory of color scheming continued. Out-door sketching.

- 65. Water Color Painting.** Winter. T. Th., 3:30 to 5:30.
Two to four hours credit. Eastmond.

Subjective and decorative landscape painting emphasized; nature motif work. Color theory applied.

- 66. Water Color Painting.** Spring. T. Th., 3:30 to 5:30.
Two to four hours credit. Eastmond.

Continuation of Art 65. Outdoor sketching. Individual expression emphasized.

- 67. Oil Painting.** Autumn. M. W. F., 3:30 to 5:30. Two to four hours credit. Larsen.

Emphasis upon landscape painting.

- 68. Oil Painting.** Winter, M. W. F., 3:30 to 5:30. Two to four hours credit. Larsen.

Painting from still life and the costumed model.

- 69. Oil Painting.** Spring, M. W. F., 3:30 to 5:30. Two to four hours credit. Larsen.

Outdoor sketching and landscape composition.

- 71, 72, 73. Decorative Painting and Applied Art.** Autumn, Winter, Spring. M. W. F., 2:30. Two to four hours credit each quarter. Eastmond.

Applied painting. Decorative composition correlated with interior decoration. Mural painting. Advanced scenery painting and poster designing. Creative designing applied to various crafts. Individual art projects are assigned that are adapted to correlative conditions.

- 74, 75, 76. Process Illustration and Art Etching.** Autumn and Winter. T. Th., 10:30. Studio hours to be arranged. One to four hours credit each quarter.

Eastmond. Prerequisites: Art 7, 8, 9, or 14, 15, 16.

Pictorial composition especially adapted to the various phases of line, tone and color engraving.

80, 81. Home Planning and Interior Decoration. Winter and Spring. M. W. F., 1:30. Two hours credit each quarter. Larsen. (See Household Administration 50 and 51.)

84, 85, 86. Art Pageant Production. Autumn, Winter, Spring. T. Th., 4:30. Two hours credit each quarter. Eastmond. Prerequisite, Art 21.

Pageantry and art expression. Principles of pageant composition. Symbolic representation. Study of tableau composition. Pageant costume and property designing. Color theory applied. Outdoor production emphasized.

Graduate Courses

151, 152, 153. The Great Painters. Autumn, Winter, Spring. T. Th., 10:30. Two hours credit. Larsen.

A critical study of the color and composition of the works of important artists from the nineteenth century to the present time. Appreciative interpretation of the outstanding pictures in the galleries of the world. For art students, laymen, and people who intend to travel or go on missions.

157, 158, 159. Interpretative Drawing and Painting. Autumn, Winter, Spring. Two hours credit. Larsen. Composition study in various media.

164, 165, 166. Water Color Painting. Autumn, Winter, Spring. Two hours credit each term. Eastmond.

Pictorial composition emphasized. Development of individual and temperamental expression.

167, 168, 169. Pictorial Composition—Oil Painting. Autumn, Winter, Spring. M. W. F., 3:30 to 5:30. Two or three hours credit. Larsen.

- 174, 175, 176. **Advanced Process Illustration and Art Etching.** Autumn, Winter, Spring. T. Th., 9:30. Two hours credit each term. Eastmond.
200. **Research.** Autumn, Winter, Spring. W., 3:30. Credit to be arranged.

Lower Division Courses

1. **History of Landscape Architecture.** Winter. M. W. F., 8:30. Three hours credit. Morris.

The contributions of various civilizations from ancient Egypt to the present time will be discussed. Emphasis on Italian Renaissance. This course will form a background for the design of historical garden in landscape architecture.

2. **Elements of Drawing.** Autumn, Winter or Spring. Daily 9:30 or 10:30. Two hours credit. Snell. (See Drawing 2.)

- 4, 5, 6. **Ornamental Herbaceous Plant Materials.** Autumn, Winter and Spring. T., 1:30. One hour credit each quarter. Morris. (See Horticulture 4, 5, 6.)

- 8, 9. **Ornamental Woody Plant Materials.** Autumn and Spring. T. Th., 8:30. Lab. T., 2:30 to 5:30. Three hours credit each quarter. Morris. (See Horticulture 8 and 9.)

21. **Theory of Design.** Autumn, M. W. F., 8:30. Three hours credit. Morris.

Principles of design as applied to landscape architecture. Unity, harmony, balance, repetition, etc. A foundation to all courses in landscape design.

23. **Landscape Design.** Autumn, M. W., 2:30-5:30. Two hours credit. Morris.

The design of gardens and private grounds. A fundamental course to all landscape design. (Pre-requisite or parallel: course 21.)

24. Landscape Design. Winter. M. W., 2:30-5:30. Two hours credit. Morris.

The design of historic gardens, particularly of the Italian, French, and English Renaissance. (Prerequisites: courses 21 and 23.)

25. Landscape Design. Spring. M. W., 2:30-5:30. Two hours credit. Morris.

Designing to fit the setting. Private and public grounds considered. (Prerequisite: course 23.)

Upper Division Courses

51. Planting Design. Winter, F., 2:30-5:30. One hour credit. Morris.

The planting of various gardens and grounds studied in Landscape Architecture 23, 24, 25. Shrubs, trees and flowers must first be learned.

52. City Planning. Winter. T. Th., 10:30. Two hours credit. Morris.

The history of various types of city plans; advantages and disadvantages. Emphasis on Salt Lake City, Washington, D. C. and Paris. The small city studied.

BOTANY

Professors Martin, Stewart; Associate Professor Morris; Mr. Harrison.

Students majoring in Botany should present credit in Botany 1, 2, 3, 50, 51, 52, 57, and 60.

Lower Division Courses

1. **General Botany.** Autumn, T. Th., 8:30, or Winter, T. Th., 10:30. Laboratory, Th. or F., 1:30-4:30. Three hours credit. Harrison.

An introductory course dealing with the fundamentals of the structure, physiology, and reproduction of plants. This is a basic course prerequisite to further work in the field of plant life. This course is also recommended for the non-science student.

2. **General Botany.** Winter. T. Th., 8:30; Laboratory, T., 1:30 to 4:30. Three hours credit. Harrison.

An introduction to members of the plant kingdom exclusive of the seed-plants. The habitat, structure, and life-history of members of a representative series of algae, fungi, mosses, and ferns. The relationships and possible evolutionary development of of these forms will receive special consideration.

3. **Flowers of the Wasatch.** Spring. M. W., 2:30-5:30. Three hours credit. Harrison.

The identification of early flowering plants of the Wasatch region, and training in the use of manuals along with some individual collecting work. Prerequisite: Botany 1.

21. **General Bacteriology.** Autumn or Winter. M. W. F., 10:30. Three hours credit. Martin.

The course will consist of a study of the general characteristics and activities of microorganisms and their relation to man.

- 22. General Bacteriology.** Autumn or Winter. Two hours credit. T. Th., 1:30-4:30. Martin.

Laboratory course in general bacteriology, designed to accompany Botany 21.

Upper Division Courses

- 50. Algae and Fungi.** Autumn. T. Th., 9:30. Two lectures and one three-hour laboratory period a week. Three hours credit. Harrison.

A study of the morphology, life histories, classification and relation of the main groups of algae and fungi. Prerequisite: Botany 1.

- 51. Liverworts, Mosses and Ferns.** Winter. T. Th., 9:30. Two lectures and one three-hour laboratory period a week. Three hours credit. Harrison.

A study of the morphology, life histories and relationships of the liverworts, mosses and ferns. Prerequisite: Botany 1.

- 52. Seed Plants.** Spring. T. Th., 9:30. Two lectures and one three-hour laboratory period a week. Three hours credit. Harrison.

A study of the morphology, life histories, classification and relationship of the higher plants. Prerequisites: Botany 1, 2.

- 54. Systematic Botany.** Autumn. W., 1:30; Laboratory 2:30-5:30. Two hours credit. Morris.

The Plant kingdom as represented by local forms will be studied. Students will learn to use the botanical key that they may classify plants independently. Autumn flowering and fruiting plants will be the chief concern. Prerequisite: Botany 1.

- 55. Systematic Botany.** Winter. W., 1:30; Laboratory, 2:30-5:30. Two hours credit. Morris.

Herbarium material will be studied and mounted. Prerequisite: Botany 1 and 54.

- 56. Systematic Botany.** Spring. W., 1:30; Laboratory 2:30-5:30. Two hours credit. Morris. Spring flowering plants will be classified. Prerequisites: Botany 1 and 54.

- 57. Plant Ecology.** Autumn. T. Th., 10:30, also one field trip or laboratory period a week. Three hours credit. Harrison.

The plant in relation to its environment and its adaptation to the factors of soil and climate; plant communities and succession of various types of vegetation. Prerequisite: Botany 1.

- 58. Geographic Ecology.** Spring. M. W. F., 8:30. Three hours credit. Harrison.

A course devoted to a survey of the various floristic regions of the earth, with emphasis on North American problems. The course should be of special interest to students who expect to travel. Botany 57 desirable.

- 59. Range and Forest Ecology.** Autumn, Spring or Summer. One to four hours credit. Stewart and Martin.

Distribution of desert, mountain, and forest plants as influenced by the climatic and soil environment, a special study will be made of the ecology in the intermountain region with an opportunity to concentrate on the native vegetation of the Lake Bonneville basin if desired. Advanced students may be admitted by application for thesis problem in field during spring, summer, or autumn.

- 60. Plant Physiology.** Winter. M. W., 8:30; Laboratory, M. W., 1:30 to 4:30. Four hours credit. Harrison.

A lecture and laboratory course in physiology of plants, covering such topics as absorption, transpiration, synthesis of carbohydrates and proteins, digestion, translocation, respiration, growth and reaction of plants to stimuli. Prerequisites, Botany 1 and Chemistry 1 and 2 or their equivalents.

- 65. Plant Histology.** Spring. Time to be arranged. Three hours credit. Harrison.

This is primarily a laboratory course in the technique of preparing, staining and mounting of sections for microscopical examination. Prerequisite: Botany 1.

69. Methods of Teaching Biology. Autumn or Winter. Two hours credit. Hayward. (See Zoology 69 and Secondary Education 69.)

70. Diseases of Cultivated Plants. Autumn. M. W. F., 10:30; Laboratory M., 1:30 to 4:30. Four hours credit. Morris.

This course deals with the important diseases of local plants, their identification, cause and treatment. Prerequisite: Botany 1.

75. Seminar. Autumn, Winter. One hour credit for each quarter. Harrison, Martin, Morris.

81. Pathogenic Bacteriology. Spring. M. W. F., 10:30. Three hours credit. Martin.

This course is designed to give to students an advanced course in bacteriology. It is designed for those desiring general information about human diseases and particularly for students who are preparing for the professions of nursing, public health work, dietetics and medicine. In class and laboratory work the following are among the subjects considered: methods used in cultivation of microorganisms; methods of handling disease materials for microbiological examination; organisms associated with the various diseases; the nature of the damage done by the organisms; and means of control. Diseases caused by filterable viruses, protozoa, fungi will be studied together with the subject of immunology.

82. Pathogenic Bacteriology Laboratory. Spring. W. F., 2:30-5:30. Two hours credit.

Designed to accompany Botany 81.

85. Special Problems In Botany. Credit, one to five hours. Time to be arranged. Martin, Harrison.

92. Soil Bacteriology. (See Agronomy 92.)

93. Soil Bacteriology. (See Agronomy 93.)

95. Soil Mycology. (See Agronomy 95.)

Graduate Courses

103. Field Ecology. Time and credit to be arranged. Harrison.

Field work in plant ecology done in connection with the regular biological expeditions sent out by the university. Open only to those students qualified to do independent work. The full time of the student will be required during the period of field work.

153. Advanced Special Morphology. Time and credit to be arranged. Harrison.

Critical studies in the morphology of special groups.

159. Range and Forest Ecology.

160. Plant Physiology.

170. Diseases of Cultivated Plants.

175. Seminar.

181. Pathogenic Bacteriology.

182. Pathogenic Bacteriology Laboratory.

185. Special Problems in Botany.

192. Soil Bacteriology.

193. Soil Bacteriology.

195. Soil Mycology.

200. Research.

CHEMISTRY

*Professor Maw; Assistant Professor Nicholes; Mr. Peterson,
Mr. Johanson, Mr. Colvin, Mr. Wing.*

Students majoring in Chemistry must present credit in Chemistry 4, 5, 6, 10, 11, 12, or 62, 70, 71, 82, and are advised to commence work in German or French and in Mathematics as early as possible.

Suggestion of sequence for the first three years in Chemistry is: 4, 5, and 6 constitute the freshman year; 10, 11 and 12 the sophomore year; 70, 71, 72 or 76 the junior year.

Lower Division Courses

1. **Elementary General Chemistry.** Autumn, Winter or Spring. Daily, 10:30. Four hours credit. Four lectures and demonstration periods and one quiz section. Peterson.

This course is an introductory survey of chemistry. It is intended for students who desire a knowledge of the subject for its cultural and informational value. An attempt is made to awaken an appreciation of the service of Chemistry in various phases of every-day life. Well prepared demonstrations will form a part of this course. These experiments will furnish a basis of lecture discussion and prepared papers.

2. **Elementary General Chemistry.** Autumn, Winter or Spring. Two hours credit. Lecture F., 3:30; Laboratory M. W., 3:30 to 5:30. Johanson.

One lecture and class discussion and two two-hour laboratory periods.

3. **Introductory General Chemistry.** Autumn. M. W. F., 2:30. Five hours credit. Three lectures and two laboratory periods. (Laboratory T. Th., 3:30-5:30.) Nicholes.

This course is designed for persons who intend to major in home economics or whose objectives do not require the technical training of Chemistry 4. Practice in simple chemical equations and calculations will be stressed. Students who fall below a C grade will be advised to register for Chemistry 1 or 2.

4. **General Inorganic Chemistry.** Autumn. M. W. F., 8:30 (2 sections), or Winter M. W. F., 2:30. Five hours credit. Three lectures and demonstration periods, one quiz section, and two two-hour laboratory periods. Laboratory Sections: Autumn, T. Th., 8:30-10:30; M. W., 1:30-3:30; M. W., 3:30-5:30; T. Th., 1:30-3:30. Winter: M. W., 3:30-5:30; T. Th., 3:30-5:30. Nicholes and Colvin.

A technical and intensive study of the principles of inorganic chemistry in connection with the non-metals. Intended for students majoring in natural sciences or taking pre-medical work. Principles and practical application are emphasized. Systematic drill in various types of chemical problems are stressed. Students whose training is not adequate or who fall below C grade will be asked to discontinue or register for Chemistry 1 or 3. Prerequisites: high school chemistry or Chemistry 1, and 2.

5. **General Inorganic Chemistry.** Winter. M. W. F., 8:30 (2 sections), Spring M. W. F., 2:30. Five hours credit. Three lectures and demonstration periods, one quiz section, and two two-hour laboratory periods. Laboratory sections: Winter, M. W., 1:30-3:30; T. Th., 1:30-3:30; T. Th., 3:30-5:30. Spring, T. Th., 2:30-4:30. Nicholes and Colvin.

Continuation of Chemistry 4, including a discussion of metals.

6. **Principles of Chemistry and Qualitative Analysis.** Spring, M. W. F., 8:30. Five hours credit. Two lectures and demonstration periods, one quiz and three two-hours laboratory periods. Laboratory: M. W., 2:30-4:30; T. Th., 3:30-5:30. Nicholes, Johanson, and Colvin.

Theory and practice of inorganic qualitative analysis. The qualitative processes are inductively developed in the laboratory. Stress is laid on the facts upon which the separations are based, and upon principles, rather than mechanical processes, involved in the separations.

The theoretical phases having a bearing on qualitative separations are discussed in detail and illustrated by typical problems.

9. **Elementary Organic Chemistry.** Spring, M. W. F., 9:30. Five hours credit. Three lectures, one recitation, and one quiz period and two two-hour laboratory periods. Laboratory: T. Th., 3:30-5:30. Maw and Johanson.

Constant reference is made to the principles of Inorganic Chemistry as they find applications in the field of Organic Chemistry. Special emphasis is placed on those portions of Organic Chemistry that lay the foundation for a study of food and nutrition and Bio-Chemistry. This course is intended for students in Home Economics and those students desiring a general knowledge of organic chemistry from the cultural point of view. Prerequisite: Chemistry 3.

- 10, 11, 12. **Elementary Quantitative Analysis.** Autumn, Winter and Spring. W., 1:30. Three hours credit each quarter. One lecture and two three-hour laboratory periods. Laboratory: M. W., 2:30-5:30; T. Th., 1:30-4:30. Maw and Colvin.

These courses give training in the technique of gravimetric, volumetric and electrolytic processes in quantitative determinations. The principles and theoretical background are discussed and illustrated in the lectures. Constant drill in solving well chosen problems involving quantitative relations will form an important part of this course. Frequent discussions are arranged with the laboratory groups. It is the aim to make laboratory procedure an intelligent performance based on a thorough understanding

rather than a mere mechanical process so that the student will develop self-reliance and be able to use the literature and do independent work. Prerequisites: Chemistry 4, 5, 6 and College Algebra (Mathematics 11).

Upper Division Courses

51. Advanced Inorganic Chemistry. Spring. Three hours credit. One recitation and two laboratory periods. (Not given in 1933-34.)

57. Laboratory Technique. Autumn, Winter or Spring. One hour credit. F., 2:30. Maw and

This course aims to give training in glass manipulation and construction of apparatus.

62. Quantitative Analysis. Autumn, Winter, or Spring. Lecture W., 1:30, and one to three three-hour laboratory periods. Two to four hours credit. Maw and Wing.

Continuation of Chemistry 10, 11, 12. Lectures and student reports on special topics bearing on the chemical principle involved.

63. Advanced Quantitative Analysis. Autumn, Winter, or Spring. Time to be arranged. Two to ten hours credit according to work done. Maw and Wing.

Complete analysis of typical minerals will be carried out. Written reports.

70. Organic Chemistry. Autumn. Recitations M. W. F., 9:30 and two laboratory periods. Five hours credit. Laboratory: T. Th., 1:30-4:30. Maw and Johanson.

Introduction to the study of carbon compounds together with laboratory experience consisting of a study of the more important syntheses and the reactions of the different classes of organic compounds discussed in the class.

71. Organic Chemistry. Winter. Three recitations M. W. F., 9:30 and two laboratory periods. Five hours credit. Maw and Johanson.

Continuation of Chemistry 70. Aromatic compounds.

- 72. Organic Qualitative Analysis and Advanced Organic Chemistry.** Spring. Two recitations T. Th., 1:30. Laboratory: W. F., 2:30-5:30. Four hours credit. Maw and Johanson.
- 73. Organic Preparations.** Spring. M. W. F., 2:30. Three hours credit. A laboratory course. Maw.
- 76. Bio-Chemistry.** Spring. M. W. F., 1:30 and two laboratory periods, T. Th., 2:30. Five hours credit.
- 77. Bio-Chemistry.** Spring. Two recitations and three laboratory periods. Five hours credit. (Not given this year.)
- 82. Introductory Physical Chemistry.** Autumn. T. Th., 9:30 and one laboratory F., 2:30-5:30. Three hours credit. Peterson.
- 84. Physical Chemistry.** Continuation of Chemistry 82. Winter. T. Th., 9:30 and one laboratory F., 2:30. Three hours credit. Peterson.
- 86. Colloid Chemistry.** Spring. One lecture, W., 9:30 and two laboratory periods T. Th., 2:30. Three hours credit. Peterson.
- 90, 91, 92. Seminar.** Autumn, Winter or Spring. M., 4:30. One hour credit. Open to advanced undergraduates.

Graduate Courses

- 101. Colloid Chemistry.** Spring. W., 9:30 and two laboratory periods, T. Th., 2:30-5:30. Three hours credit. Peterson.
Fundamental properties of substance in the colloid state. Assigned readings and written and oral reports.
- 103. Advanced Organic Chemistry.** Any quarter. Time to be arranged. Three hours credit. Three three-hour laboratory periods. Maw.
Organic Preparations.

104. Qualitative Organic Analysis. Spring. Two recitations T. Th., 1:30 and laboratory W. F., 2:30-5:30. Two hours credit.

Problems and assigned readings. Practice in identifying pure organic compounds and simple mixtures by analysis, physical properties and the preparation of derivatives.

105. Quantitative Organic Analysis. Spring. Time to be arranged. Two hours credit.

Quantitative analysis of organic compounds. Combustion methods. (Not given this year.)

106. Studies in the History of Chemistry. Autumn, Winter, and Spring. One hour credit each quarter.

109. Advanced Inorganic Chemistry. Autumn, Winter, and Spring. Hours and credit to be arranged.

Special topics in inorganic chemistry, written and oral reports.

110. Advanced Inorganic Chemistry. Winter. W., 3:30. Laboratory T. Th., 2:30-5:30. Three hours credit. Peterson.

Preparation of more difficult inorganic substances and a study of non-aqueous solvents.

163. Advanced Quantitative Analysis. Autumn, Winter, or Spring. Time to be arranged. Two to ten hours credit according to work done.

Complete analysis of typical minerals will be carried out. Written reports.

166. Special Methods in Quantitative Analysis.

a. Water Analysis. Two hours credit.

b. Food Analysis. Two hours credit.

c. Electrolytic Analysis. Two hours credit.

d. Fire Assaying. Two hours credit.

These courses may be taken any quarter, the time to be arranged. These are laboratory courses and

written reports and discussion of the chemistry involved will form a part of the work. Prerequisites: Chemistry 10, 11, 12 or 62.

176. Bio-Chemistry. Spring. Three recitations M. W. F., 7:30. Five hours credit. Two laboratory periods.

Discussion of the chemistry of nutrition, digestion, absorption, assimilation, and excretion in the animal body. (Not given in 1933-34.)

178. Bio-Chemistry. Autumn. Three recitations and two laboratory periods. Five hours credit. Continuation of Chemistry 176. (Not given in 1933-34.)

190, 191, 192. Seminar. Autumn, Winter, or Spring. M., 4:30. One hour credit.

200. Research. Time and credit to be arranged.

Independent work in investigations of problems in physical, inorganic, and analytical chemistry.

ECONOMICS

*Professors Swenson, Miller, Nelson; Associate Professor Boyle;
Assistant Professor Johnson.*

The following courses are required for a major in Economics: Economics 1, 2, 14, 93, 94.

Lower Division Courses

1. **Economics — Introduction and Principles.** Autumn. Sec. 1, 8:30; Sec. 2, 9:30; Sec. 3, 10:30. Winter, 9:30; Spring, 8:30 daily. Five hours credit each quarter. Miller and Johnson.

A general survey of industrial society: its structure, its institutions, its operation. Historical background of the rise of modern capitalistic industry. A study of underlying assumptions of our present regime, such as private property, competition, and the social control of industrial activity. An elementary study of the production, exchange, distribution, and consumption of wealth.

2. **Economics.** Winter. Sec. 1, 8:30; Sec. 2, 9:30; Spring, 9:30, daily. Five hours credit each quarter. Miller and Johnson.

This course is a more advanced study of the underlying principles of economics. An attempt is made to give the student an approach to the economic issues of the day by an intensive study of several of the most pressing contemporary problems and an intelligent appreciation of the factors which make for sound public policy. Prerequisite: course 1.

14. **Economic and Financial History of the United States.** Autumn, Spring, M. W. F., 2:30. Three hours credit. Miller.

The economic development of the United States through the colonial era, the period of industrial revolution, and the westward movement to the present,

with special emphasis upon economic integration and industrial organization.

- 30. Principles of Agricultural Economics.** Autumn. M. W. F., 2:30. Three hours credit. Nelson.

An analysis from the standpoint of economics of the industry of agriculture. The place and importance of land in human welfare; the problems of what to produce, the choice of land, proportioning the factors of production, rent and profits, and tenancy, will be among those treated in the course.

- 31. Agricultural Marketing.** Autumn. M. W. F., 9:30. Three hours credit. Johnson.

An analysis of the problems of cooperative marketing of agricultural products, from the standpoints respectively of farmers, middlemen, and consumers. Attention will be given to the factors which have made for success or failure in the history of cooperative marketing enterprises in America.

Upper Division Courses

- 53. Principles of Risk-Bearing.** Autumn. M. W. F., 10:30. Three hours credit. (Not given this year.)

A course in which consideration will be given to life, health, accident, fire, property and liability insurance; principles of risk-bearing as they apply to each classification of the insurance field; organization and management of insurance companies. Prerequisites: Economics 1 and 2.

- 56. Transportation Problems.** Spring. M. T. W. Th., 9:30. Four hours credit. Miller.

This course deals with the growth and development of railway transportation in the United States; the organization, construction and management of modern systems; the theory of rates; problems of competition; development of public regulation and railway legislation in the United States; general

scope and importance of the railway problem at the present time.

- 60. Labor Legislation.** Spring. M. W. F., 9:30. Three hours credit. (Not given this year.)

The state in relation to labor. An intensive study of the legal aspects of the labor movement. Minimum wages, social insurance, regulation of hours, working conditions, etc. Foreign experiments in the field of government regulation and control.

- 61. Labor Problems.** Autumn. M. W. F., 10:30. Three hours credit. Boyle.

This course deals with the wage system, domestic industry, the factory system. The rise and growth of labor organizations. Special problems in labor and industrial unions, with a study of typical organizations. Collective bargaining, boycott, lockout, women and child labor, the effects of immigration upon the American laborer, the mediation and arbitration of industrial disputes.

- 62, 63. Personnel Administration.** (See Accounting and Business Administration 62 and 63.)

- 67. Public Finance and Taxation.** Winter. M. W. F., 2:30. Three hours credit. Miller.

The science of public finance; the theory of public expenditure; public income and public debts; the preparation of the budget and financial administration. A general study of the field of taxation.

- 75. International Economic Policies.** Winter. M. W. F., 1:30. Three hours credit. Miller.

A survey with particular reference to the United States, of the international aspects of the economic policies and activities of governments: including the fundamentals of the theory of international trade; purpose, structure, and history of tariffs; commercial treaties; methods of commercial diplomacy; and unfair competition in international trade. A brief

discussion of reparations and interallied debts will be given.

- 76. History of Economic Thought.** Spring. Daily, 2:30. Five hours credit. Miller.

The development and trend of economic thought from early times to the establishment of the classical school. A brief survey of economic thought up to about 1750 will be given. A more intensive study of writers will begin here, covering especially Smith, Malthus, Ricardo and Mill.

- 91. Western Land Problems.** Spring. M. W. Th., 10:30. Three hours credit. Nelson. (Not given this year.)

A survey of the outstanding land problems of the Western States, particularly those of the Rocky Mountain division. Attention will be given to the questions of land utilization, reclamation, grazing, the public domain. Special class reports by students will be required.

- 92. American Agricultural Reform.** Winter M. W. F., 9:30. Three hours credit. Nelson. (Not given this year.)

A review of the agrarian movements for economic and social reform in America, including the Patrons of Husbandry, the Farmers' Alliance, the Farmers' Union, the Non-Partisan League, and the American Farm Bureau Federation. Subordinate treatment is given to recent and current programs for farm relief.

- 93. Economic History of Agriculture.** Spring M. W. F., 9:30. Three hours credit. Nelson.

The development of agriculture from its primitive beginnings in the Old World to the present time. The forms of agricultural settlement; the relation of agricultural to urban economy; agricultural revolutions, and measures of reform. Crops and livestock in America; historical background of contemporary agricultural problems.

- 94. Advanced Economics.** Autumn or Winter. Daily, 8:30. Five hours credit. Prerequisites: Economics 1, 2, 3. Swenson.

Advanced course in economic theory with application to present day economic problems. Open to seniors and graduates.

Graduate Courses

- 160. Labor Legislation.** Spring. 9:30. Three hours credit. Miller. (Not given this year.)
- 161. Labor Problems.** Winter. M. W. F., 9:30. Three hours credit. Boyle.
- 167. Public Finance.** Winter. M. W. F., 2:30. Three hours credit. Miller.
- 175. International Economic Problems and Policy.** Winter. Three hours credit. Miller.
- 176. History of Economic Thought.** Spring Daily, 2:30. Five hours credit. Miller.
- 191. Western Land Problems.** Spring. M. W. F., 10:30. Three hours credit. Nelson. (Not given this year.)
- 194. Advanced Economics.** Autumn or Winter. Daily, 8:30. Five hours credit. Prerequisites: Economics 1, 2, 3. Swenson.
- Advanced course in economic theory with application to present day economic problems. Open to seniors and graduates.
- 197. Research.** Time and credit to be arranged. Staff.
- 200. Thesis.**

EDUCATIONAL ADMINISTRATION

Associate Professor Lambert; Professor Merrill; Associate Professor Sudweeks; Assistant Professors Boyle, Jensen.

Students who desire to complete an undergraduate major in Educational Administration need not wait until the senior year to plan definitely for such work. A decision to major in this department should be made preferably by the beginning of the junior year. It is better, naturally, to have had a regular teaching course and some experience in teaching before completing a major in administration. This statement is not to be construed, however, as a fixed prerequisite for a major in this department.

For students who do elect to major in this department a reasonable preparation in the following fields is expected by the close of the senior year: (1) General Education Organization and Administration; (2) School Finance, Business Management and Budget Administration; (3) Personnel Problems of the Teaching Staff; (4) Statistical Methods, Tests, Measurements, and Modern Examinations; (5) Techniques in Supervision; (6) The Work of the Superintendent and of the Principal. Some supporting work in Educational Psychology, Curriculum Building and Revision, History of Education, and General Theory or Philosophy of Education (as these fields are offered in other departments of the University), is recommended. By consent of the head of this department, certain courses in other departments may be accepted toward fulfillment of a major in educational administration.

In general, the following guiding sequences in department requirements are recommended: (1) In freshman and sophomore years, the regular University group requirements, and the foundations in some academic teaching field; (2) In the junior year, Educational and Adolescent Psychology, Curricula, Statistical Methods, Tests and Measurements, and Educational Administration 73, 80; (3) In the senior year, Educational Administration 75, 76, 111, 178, 182. Graduate majors are programmed by conference with the head of the department.

Undergraduates majoring in administration who have also kept up some academic teaching field find themselves advantageously equipped for placements in positions where,

during the beginning years of professional administrative service, assignments to teach accompany the administrative assignments.

Upper Division Courses

50. Rural Education. Spring. Three hours credit. Merrill. (Not given this year.)

This course deals with rural and educational problems which confront the teachers in the rural communities of the intermountain states.

69. Measurements of High School Teaching. (See Secondary Education 69.) Spring M. W. F., 1:30. Three hours credit. Sudweeks.

73. General Educational Organization and Administration. Autumn. M. T. W. Th., 1:30. Winter, 9:30. Four hours credit.

This course offers students an opportunity to study the various ways in which states, counties, cities, and districts are organized for the administration of public education. The powers and duties of state boards, city boards, and district boards are considered together with the functions of the superintendent and other school officials. The course deals largely with the problems encountered in the actual administration of a school system. This course is the foundation of a major in educational administration. It is also the best general elective for those who desire a general insight into the administrative field.

75. Educational Supervision. Spring. M. T. W. Th., 1:30. Four hours credit.

This course deals with the principles underlying the organization and supervision of classroom instruction. It gives much consideration to objective techniques for supervision. It considers the relationships of teachers, supervisors and administrative officers. The course is planned to assist those who are preparing to do general supervision or to super-

vise in average systems in the special subjects. The course assumes some knowledge of general administrative practice, of the current theories of classroom procedure, and of educational psychology and testing. The course is open only to seniors and to graduate students.

76. The Work of the School Principal. Spring. M. W. F., 10:30. Three hours credit. (Not given this year.)

This is a course which deals with the practical problems of administering a single school; the organization and administration of building, playgrounds, equipment, schedules, student activities, and pupil personnel. It gives large consideration to the supervisory functions of the principal. School publicity and community relationships are considered. Open to both men and women who are preparing for principalships of elementary schools, junior, or senior high schools, and to other students who desire an elective course in the practical aspects of school administration. The course is conducted largely on a problem basis.

79. Statistical Methods. Autumn. M. W. F., 2:30. Three hours credit. Sudweeks.

This course deals with the principles and methods underlying the compilation and interpretation of educational statistics. Students who have had Mathematics 13, should consult the instructor.

NOTE: Students will find that a definite knowledge of certain mathematics involved in college algebra and analytic geometry are very valuable bases for the work in this course.

80. Standard Tests and Testing. Winter. M. W. F., 8:30. Three hours credit. Sudweeks.

Educational Administration 81 and this course are designed to cover the field of tests and examinations in elementary and high schools. A study of standard tests available for all grades. Each student will carry out a complete testing project in the University

Training School from the choice of problem to the planning of remedial teaching.

81. Old and New Type Examinations. Winter. T. Th., 8:30. Two hours credit. Sudweeks.

The place of the old type examination and its improvement. The use and forms of the new type examination. With Educational Administration 80, it covers the field of tests and examinations in elementary and high schools.

85. Administration of School Transportation. Spring. T. Th., 10:30. Two hours credit. (Not given this year.)

This course offers students an opportunity to study school transportation as a necessary part of the school program in consolidated districts. It deals with the techniques of determining the needed amounts of transportation and the methods of setting up the transportation system and of administering the details of particular busses and routes. It deals with costs, and methods of financing school transportation.

Graduate Courses

111. School Finance and Business Management. Winter. M. T. W. Th., 1:30. Four hours credit. (Not given this year.)

This course will include a study of various systems of raising school revenue. It considers in detail the school revenue system of the State of Utah, including the new program of equalization. It deals with methods of expending school money and accounting for it. It deals with methods of making cost analyses, and estimating financial abilities of states and school districts. Methods of building a school budget and of administering it are considered. A course in general education administration or its equivalent is a necessary prerequisite to this course. Required of all graduates majoring in the department. Undergraduate students may register by consent.

- 148. Introduction to Research and Thesis Writing.** Autumn, Winter. T. Th., 10:30. Two or three hours credit. (See Secondary Education 148.)

This is a course dealing with the principles of scientific procedure and the acceptable techniques of research as they relate to the preparation of a thesis. It is designed to assist students in the selection and refinement of a thesis problem, in the use of sources of materials, in the application of appropriate techniques to the solution of the problem and in organizing and writing the results of investigation into an acceptable report. It considers also acceptable techniques in preparing a bibliography. Senior students may enter with consent of the instructor. All candidates for the Master degree in the College of Education are required to take this course.

- 150. Graduate Seminar in Education Problems.** Alternate Mondays 7:30 to 9:30 p. m. Any quarter, upon request of five or more students. One hour credit.

- 169. Measurements of High School Teaching.** Spring. M. W. F., 1:30. Three hours credit. Sudweeks.

- 173. General Educational Organization and Administration.** Autumn, 1:30. Winter, 9:30. M. T. W. Th. Four hours credit.

This course parallels Educational Administration 73 and is given for graduate students who have not had a basic course in educational administration, and for those who desire to do intensive work in this field. This course is basic to all graduate work in this department.

- 175. Educational Supervision.** Spring, 1:30. Four hours credit.

This course is for graduate students and parallels Educational Administration 75.

- 176. The Work of the School Principal.** Spring, 10:30. Three hours credit. (Not given this year.)

This course parallels Educational Administration 76 and offers graduate students opportunity to do intensive work in the problems of administering the work of one unit of the school system.

178. Teacher Personnel Problems of the Superintendent in Consolidated School Districts. Autumn. M. W. F., 9:30. Three hours credit. (Not given this year.)

This course is designed to follow or parallel Educational Administration 173 and is directed not so much toward problems of organizing administrative units, nor the functions of state and local school boards, superintendents and other officials, as it is directed toward the immediate problems of electing and assigning the teaching corps, of devising salary schedules, studying relationships between salaries and cost of living, administering an in-service training program, rating and re-assigning teachers, and handling the many detailed problems of teacher personnel.

179. Statistical Methods. Autumn. 2:30. Three hours credit. Sudweeks.

A course designed for graduate students preparing to do statistical research work. Required of all candidates for the Master degree in Education unless equivalent work has been done in undergraduate courses.

NOTE: Students will find that a definite knowledge of certain mathematics involved in college algebra, and analytic geometry, are very valuable bases for the work in this course.

180. Standard Tests and Testing. Winter. M. W. F., 8:30. Three hours credit. Sudweeks.

182. Educational Journals. Spring. One hour credit. (Not given this year.)

This is a seminar course providing opportunity for students to become acquainted with periodical, monograph, and research literature in Education.

- 185. Administration of School Transportation.** Spring. 10:30. Two hours credit. (Not given this year.)

This course parallels Educational Administration 85 and offers graduate students an opportunity to do some specialized work in this field.

- 186. Administration of Private and Parochial Schools and Seminaries.** Spring. T. Th., 11:30. Two hours credit. (Not given this year.)

This course offers students an opportunity to study the place of the private and the demoninational school in America together with the problems of relationships between private schools and the state schools.

- 200. The Masters Thesis in Educational Administration.** Autumn. Winter. Spring. Lambert, Sudweeks.

Credit of two to four hours, depending upon the magnitude and difficulty of the problem solved, is granted in the last quarter upon the completion of a satisfactory thesis. The conditions of this thesis are set forth in the regulations of the Graduate School, and candidates are urged to read that portion of this catalogue with great care.

ELEMENTARY EDUCATION

Assistant Professor Boyle; Associate Professor Sudweeks; Assistant Professors Dusenberry, Ollorton, Peterson, Jensen, Hanson; Doctors Cullimore, Oaks, Merrill; and Faculty of Elementary Training School

Students majoring in Elementary Education should conform to the following sequence of courses:

Freshman year: Elementary Education 1, Psychology 21, Zoology 20, History 1, Speech 1 or 11, English 1, 2, 3, Library 1, Physical Education 21, 22, 23.

Sophomore year: Elementary Education 12, Geography 52, History 82, Theory of Music 41 or 42, Art 21 or 41, 42.

Junior year: Elementary Education 51, 52, 54, 55, 61 or 62.

Senior year: Elementary Education 63, Educational Administration 75 and 79.

Students in Elementary Education will be required to take a standard achievement test in the common branches. Those failing to reach certain standards will be required to take special courses until such standards are reached before registration for the Elementary School Curriculum.

The following courses in other departments are suggested for those who are preparing for Elementary Teaching: Art 41, 42, 43; Theory of Music 41; Physical Education 21, 22, 23; Secondary Education 51, 57. With the approval of the major professor courses from other departments of the College of Education may be offered to fill major requirements for a degree.

Lower Division Courses

1. **Principles of Education.** Autumn, Winter or Spring. M. T. W. Th., Four hours credit. Sudweeks.

This is an introductory survey course in education, planned to cover the general field. It serves to orient the student and to introduce him to the other courses in education. Required of all students qualifying for elementary teaching; recommended for all

majoring in Elementary Education. The principal topics covered are: the Child, the Teacher, Objectives in Training, the Teaching Process, Measurement, and the American Public School.

12. The Elementary School Curriculum. Autumn, Winter. Daily. Five hours credit. Sudweeks.

This course meets the requirements of the Utah State Board of Education for knowledge in this field. It includes a study of representative courses of study, a study of sources of materials, guidance in the selection and organization of materials into suitable teaching units with attention to sequences, time allotment and programming. As prerequisite for registration for this course are certain standards of attainment in the common branches, as shown by a standard achievement test.

20. Story Telling and Children's Literature. Autumn, Winter or Spring. T. Th., 8:30. Two hours credit. Dusenberry.

A study from the literary and educational points of view of the best literature available for children. This should involve some familiarity with the basic folk tales from which the standard children's stories, rhymes and poems have been largely derived, and practical exercises in the oral presentation of this material.

21. Juvenile Literature. Winter or Spring. T. Th., 9:30. Two hours credit. Dusenberry.

A study of literature will be made in a sufficiently detailed way to give a basis for selection, appreciation, and presentation of the best and most suitable material for the elementary school. Graded lists of various types of stories and poems will be completed. This course is a continuation of 20.

22. Hygiene and Sanitation (Health Education). Autumn, Winter, or Spring. M. W. F., 1:30. Three hours credit. Cullimore, Oaks, Merrill.

Designed to meet state requirements in health education. The early part of the course is devoted to fundamental physiological processes such as digestion, circulation, respiration and excretion and upon these as a foundation are based studies of personal hygiene, hygiene of the school child, sanitation of school buildings and surroundings, public and home sanitation, and recognition of defects in children.

Upper Division Courses

- 51, 52. Principles of Teaching.** Autumn and Winter. M. T. W. Th., 10:30. Three hours credit each quarter. Sec. 1 Kindergarten and Primary Grades, Peterson. Sec. 2 Intermediate Grades, Ollorton.

Required of all students qualifying for elementary teaching; to be taken before or paralleling the course in practice teaching. The course deals with the application of psychological principles to the teaching problems at the various levels of the elementary school, and will be supplemented by demonstrations in the training school.

- 54. Elementary and Kindergarten Training.** Autumn, Winter and Spring. Daily from 8:30 to 10:30, or 1:30 to 3:30. Ten hours credit. Peterson, Ollorton.

This is essentially a laboratory course affording opportunity for practice teachers to apply the principles of teaching developed in the theoretical course.

Students will teach no fewer than one hundred hours. This course is open to sophomore and junior students. Elementary Education 1, Psychology 21, Elementary Education 12 or equivalents are prerequisites for this course. Should the enrollment exceed the capacity of the Training School a selection may be made on the basis of tests and the record in the prerequisite courses.

55. School Organization and Administration. Autumn or Winter. M. W. F., 9:30. Three hours credit. Boyle.

This course will acquaint beginning teachers with the school as an institution in its relation to the state and the community. It will introduce in an elementary but practical way the problems of school organization. It will include the study of the school law as it applies to the elementary school, the means and the agencies by which the law is administered, and the educational control by means of local units. This course meets the State Certificate requirements of school organization and administration.

58. Health Education for Teachers. Autumn, Winter, Spring. T. Th., 1:30. Two hours credit. Cullimore, Oaks, Merrill.

Designed especially for those who are preparing to teach in the public schools. (See Zoology 58.)

59. Juvenile Literature. Winter and Spring. 9:30. Two hours credit. Dusenberry.

A study from the literary and educational points of view of the best literature available for children. This should involve some familiarity with the basic folk tales from which the standard children's stories, rhymes and poems have been largely derived. Segregation and distribution of suitable poems, myths, fairy tales, and fables will receive consideration. This course is a continuation of Course 20.

60. Technique of Teaching. Autumn. M. W. F., 2:30. Three hours credit. (Not given in 1933-34.)

This course deals with certain of the recent developments in the field of methods and the psychological experiments which have led to the revision of class-room procedure. Emphasis will be given to the new methods which have grown out of the use of standard tests, development of problems teaching, and the guidance methods in teaching made neces-

sary by the definite knowledge of individual differences. Topics discussed will be illustrated by work in the training school. Designed for students who are qualifying for supervision work in any field.

- 61. First Grade Education.** Spring. M. W. Th., 9:30. Three hours credit. Peterson.

Problems of early elementary education. A study of the activities, subject matter and concrete materials which should form the basis of the work with young children. Classroom observation required. Designed for students in Elementary Education who show special ability in teaching the kindergarten and first grade, and for experienced teachers preparing for supervisory work.

- 62. Measurements in Elementary Education.** Autumn and Spring. M. W. F., 8:30. Three hours credit. Ollorton.

A practical course dealing with the use and interpretation of general intelligence and achievement tests on the elementary school level. The testing program will be considered largely from its value to the class room teacher. Students will take part in giving, scoring tests and interpreting results in practical school testing programs.

- 63. School Management and Extra Curricular Activities.** Spring. T. Th. Two hours credit. Peterson.

A course in the conservation and the obtaining of the maximum educational value of every element in school and classroom organization. Such topics as getting the most out of the study period, the recitation period and the recess; care and use of supplies and books; school-room cleanliness and decoration; school records, reports, etc.; definite disciplinary

problems; participation by the students in the management and control of the school.

- 64. Myths of the World.** Winter. T. Th., 7:30. Two hours credit. Dusenberry.

This course will first include a comprehensive discussion of the myth and its origin. A study of the specific myths, customs, and folk lore of Egypt and India.

- 65. Myths of the World.** Spring. T. Th., 7:30. Two hours credit. Dusenberry.

The major topics to be considered in this course are present and past customs, superstitions, folk lore, and mythological beliefs of the people of China, Japan and Siam; the islands of Bali, Borneo and the Philippines.

- 66. Diagnosis and Remedial Work.** Winter. T. Th., 2:30. Two hours credit. Ollorton.

The diagnosis and remedial treatment of difficulties in reading, arithmetic, and spelling. Students will carry on case studies with elementary school children. Open to students who have had Elementary Education 51, 52, and 54, or the equivalent in teaching experience.

Graduate Courses

- 101. Secondary Education.** Autumn, Winter and Spring. Time to be arranged. Four hours credit. Merrill.

- 148. Elementary Education.** Autumn and Winter. 10:30. Two or three hours credit. (See Secondary Education 148.)

- 161. First Grade Education.** Spring. 9:30. Three hours credit. Brown. (See Elementary Education 61.)

- 162. Measurements of Elementary Education.** Autumn and Spring. 8:30. Three hours credit. Ollorton. (See Elementary Education 62.)
- 163. School Organization and Management.** Spring. Two hours credit. Peterson. (See Elementary Education 63.)
- 180. Research Work.** The consent of the instructor is necessary before registering. Sudweeks, Lambert. Students may be given from two to four hours credit for presenting satisfactory thesis on an assigned topic, embodying the results of independent work.
- 190. Education and the Twentieth Century.** Autumn. M. W. F., 9:30. Three hours credit. Woodward. (See Philosophy of Education 90.)

ENGLISH

Alfred Osmond, Professor Emeritus

Professors Christensen, Reynolds, Holt, Merrill; Associate Professor Jensen; Assistant Professors Rowe, Young; Mrs. Roberts, Mrs. Carroll, Miss Egbert, Mr. Culmsee.

Scope of Instruction

The English department offers courses in English language, English literature, American literature, general and comparative literature, and journalism. For convenience the courses in general and comparative literature are brought together. The courses in journalism constitute a departmental division.

Requirements for the Degree of Bachelor of Arts

Students who elect their major in English will be required to complete thirty hours of work in English in addition to courses 1, 2, and 3, and must elect four of the five period courses; provided, however, that they make the following substitutions: Course 60 for 72; 90 for 74; and 91 for 75.

The following additional work is required: Course 12; course 81 or 95; one of the following groups of courses: 83, 84, 85, 86, and 88; and course 82. The following substitutions may, however, be made: Course 57 or three hours of journalism for course 12; and course 24 or 69 for 82. Twenty-four hours in one or more foreign languages are required. A course in English history, unless taken in high school, is strongly recommended.

Courses 20, 21, 22 are not open to students who elect their major in English. For students who minor in English and who intend to teach the subject, the Department specially recommends the following: 11, 12, 15, 16, 24, 71, 72, 73, 74, 75.

Students making English a minor and desiring the recommendation of the Department to take secondary training in English are required to take an examination in grammar and composition.

Requirements for the Degree of Master of Arts

Candidates for the Degree of Master of Arts in English must have the equivalent of the requirements for the Degree of Bachelor of Arts in English and in addition to other graduate courses in English must have two courses in Shakespeare, the course in Old English, and the course in Chaucer.

Placement Tests for Freshman English

In Freshman English due consideration will be given to needs of individual students. To determine these needs all freshmen will be required to take a placement test at the time of registration. Assignments to the respective sections will be made after this test.

Lower Division Courses

- 1. Rhetoric and Composition.** Autumn. M. W. F., 8:30. Three hours credit. Sec. 1, Rowe; Sec. 2, Egbert; Sec. 3, Young; Sec. 4, Reynolds. 9:30: Sec. 5, Carroll; Sec. 6, Egbert; Sec. 7, Rowe; Sec. 8, Young. 10:30: Sec. 9, Egbert; Sec. 10, Christensen. 1:30: Sec. 11, Carroll. 2:30: Sec. 12, Carroll; Sec. 13, Egbert.

Grammar review, themes, exercises, conferences, and prescribed reading.

- 2. Rhetoric and Composition.** Winter. Sections and time the same as in course 1. Three hours credit.

Continuation of course 1.

- 3. Rhetoric and Composition.** Spring. Sections and time the same as in courses 1 and 2. Three hours credit.

Continuation of course 2.

- 4. Business English.** Autumn, Winter, Spring. M. W. F., 9:30. Three hours credit. Holt.

The substance and style of business English; correctness of diction; business forms and usages.

- 11. Advanced English Grammar.** Autumn, 1:30. Spring, 1:30. Four hours credit. Young.

Prerequisites: English 1, 2, and 3.

12. Advanced Rhetoric and Composition. Winter. M. W. F., 2:30. Three hours credit. Christensen.

Long themes, lectures, conferences, and required reading. Prerequisites: English 1, 2, and 3.

15. Early American Writers. Autumn. M. F., 9:30. Two hours credit. Merrill.

A survey of American literature from Captain John Smith to about 1865.

16. Later American Writers. Winter. M. F., 9:30. Two hours credit. Merrill.

A survey of American literature from about 1865 to the present century.

17. Contemporary American Poets. Spring. T. Th., 1:30. Two hours credit. Osmond.

A study of the principal American poets.

18. Contemporary American Novelists. Winter. T. Th., 1:30. Two hours credit. Osmond.

A study of the principal American novelists.

19. Contemporary American Short Story Writers. Autumn. T. Th., 1:30. Two hours credit. Osmond.

A study of the principal American short story writers.

20. Masterpieces of English Literature. Autumn. T. Th. Sec. 1, 9:30, Carroll; Sec. 2, 10:30, Carroll. Two hours credit.

A study of the principal English Masterpieces.

21. Masterpieces of English Literature. Winter. T. Th. Sec. 1, 9:30, Carroll; Sec. 2, 10:30, Carroll. Two hours credit.

A continuation of course 20.

22. Masterpieces of English Literature. Spring. T. Th. Sec. 1, 9:30, Carroll; Sec. 2, 10:30, Carroll. Two hours credit.

A continuation of course 21.

23. **Contemporary British Literature.** Spring. M. W. F., 2:30. Three hours credit. Rowe.
24. **Shakespeare's Comedies.** Autumn. M. T. W. Th., 9:30. Four hours credit. Osmond.
A study of the principal comedies.
30. **Literary Appreciation.** Autumn. Four hours credit. Osmond.
A study of the literary values of selected masterpieces of English and American literature.

Upper Division Courses

52. **Argument and Debate.** Spring. M. W. F., 2:30. Three hours credit. Rowe.
A study of the principles of argument followed by a series of debates on current questions. Prerequisites: English 1, 2, and 3.
57. **Short-Story Writing.** Winter. T. Th., 1:30. Two hours credit. Osmond. (Not given this year.)
In this course the greater part of the student's time is given to practice in writing short-stories. Prerequisites: English 1, 2, and 3.
59. **Poetry.** Spring. T. Th., 2:30. Two hours credit. Osmond.
A practical course in the various forms of verse-writing.
60. **English Drama to 1642.** Winter. M. T. W. Th., 1:30. Four hours credit. Young.
The beginning and development of English Drama, not including Shakespeare, to the closing of the theaters.
64. **Philology.** Spring. T. Th., 2:30. Two hours credit. Osmond.
A study of the history and development of words and their ways in English speech.

- 69. Shakespeare's Tragedies.** Winter. M. T. W. Th., 9:30. Four hours credit. Osmond.
A study of the principal tragedies.
- 71. Medieval Literature.** Autumn. M. T. W. Th., 9:30. Four hours credit. Christensen.
- 72. English Literature from 1500-1660.** Winter. M. T. W. Th., 9:30. Four hours credit. Young. (Not given this year.)
- 73. English Literature from 1660-1780.** Spring. M. T. W. Th., 2:30. Four hours credit. Young.
- 74. English Literature from 1780-1832.** Winter. M. T. W. Th., 10:30. Four hours credit. Rowe.
- 75. English Literature from 1832-1900.** Winter. M. T. W. Th., 10:30. Four hours credit. Reynolds.
- 81. Chaucer.** Winter. M. T. W. Th., 8:30. Four hours credit. Christensen.
- 82. Shakespeare.** Spring. M. T. W. Th., 9:30. Four hours credit. Christensen.
An intensive and critical study of the principal plays.
- 83. Milton.** Winter. M. W. F., 9:30. Three hours credit. Christensen.
A study of the author's poetry and prose.
- 84. Wordsworth.** Spring. M. W. F., 10:30. Three hours credit. Reynolds.
The author's theory of poetry and his principal poems will be studied.
- 85. Tennyson.** Autumn. M. W. F., 2:30. Three hours credit. Reynolds.
A study of the author's principal major and minor poems.

86. **Browning.** Winter. M. W. F., 2:30. Three hours credit. Reynolds.

A study of the author's principal major and minor poems.

87. **Matthew Arnold.** Autumn. T. Th., 2:30. Two hours credit. Christensen.

88. **Spenser.** Winter. M. W. F., 2:30. Three hours credit. Young.

A study of the author's poetry and prose.

90. **Romantic Poetry.** Autumn. M. W. F., 10:30. Four hours credit. Reynolds.

A study of romanticism as manifested in the poetry of the eighteenth and nineteenth centuries.

91. **The Victorian Poets.** Spring. M. W. F., 2:30. Three hours credit. Reynolds.

92. **The English Novel.** Autumn. M. T. W. Th., 2:30. Four hours credit. Young.

The history of English prose fiction to the time of Scott.

93. **The Modern English Novel.** Spring. M. T. W. Th., 10:30. Four hours credit. Rowe.

A consideration of the technique of the novel and various phases of life reflected in this form of literature.

94. **Contemporary English and American Essays.** M. T. W. Th., 10:30. Four hours credit. Osmond.

A study of the outstanding essays of the present time.

95. **Old English.** Autumn. M. T. W. Th., 8:30. Four hours credit. Christensen.

Old English grammar and reading exercises.

96. **Beowulf.** Winter. Four hours credit. Christensen. (Not given this year.)

The entire poem is read in the original. Prerequisite: course 95.

GENERAL AND COMPARATIVE LITERATURE

Lower Division Courses

26, 27, 28. Types of World Drama. Autumn, Winter, Spring. T. Th., 9:30. Two hours credit each quarter. Egbert.

The great plays of the world are studied according to type.

Upper Division Courses

61. Modern European Drama. Autumn. T. Th., 2:30. Two hours credit. Reynolds. (Continental.)

62. Modern European Drama. Winter. T. Th., 2:30. Two hours credit. Reynolds. (British.)

63. Modern Drama. Spring. T. Th., 2:30. Two hours credit. Reynolds. (American.)

65, 66, 67. Types of World Literature. Autumn, Winter, Spring. T. Th., 10:30. Two hours credit each quarter. Christensen, assisted by other members of the English department, and by instructors from the various departments of the University.

The purpose of this course is to give the student a background in world culture by initiating him into some of the greatest writings of all times and all peoples. The following kinds of writing will be given special attention: epic, romance, tragedy, comedy, lyric, tale, history, satire, biography, literary criticism, political and philosophical discourses.

97. The History of the English Language. Spring. M. T. W. Th., 8:30. Four hours credit. Christensen.

An historical and philological study of the language from the Old English period to the present time.

98. Literary Criticism. Spring. M. W. F., 2:30. Three hours credit. Christensen.

A study of the problems of criticism in the light of the history of critical theory.

99. **Types of Poetry.** Spring. M. T. W. Th., 10:30. Four hours credit. Osmond.

A study of lyric, epic, and dramatic poetry.

Graduate Courses

(The Period Courses are each four hours credit.)

- 165, 166, 167. **Types of World Literature.** Autumn, Winter, Spring. T. Th., 10:30. Two hours credit each quarter. Christensen and others. (For description of course, see course 65.)
171. **Medieval Literature.** Autumn, 9:30. Christensen.
172. **English Literature from 1500 to 1660.** Winter. 9:30. Young. (Not given this year.)
173. **English Literature from 1660 to 1780.** Spring. 2:30. Young.
174. **English Literature from 1780 to 1832.** Winter. 10:30. Rowe.
175. **English Literature from 1832 to 1900.** Winter. 10:30. Reynolds.
181. **Chaucer.** Autumn. 8:30. Four hours credit. Christensen.
182. **Shakespeare.** Spring. 9:30. Four hours credit. Christensen.
183. **Milton.** Winter. 9:30. Three hours credit. Christensen.
184. **Wordsworth.** Spring. 10:30. Three hours credit. Reynolds.
185. **Tennyson.** Autumn. 2:30. Three hours credit. Reynolds.

186. **Browning.** Winter. 2:30. Three hours credit. Reynolds.
187. **Matthew Arnold.** Autumn. 2:30. Two hours credit. Christensen.
188. **Spenser.** Winter. 2:30. Three hours credit. Young.
195. **Old English.** Autumn. 8:30. Four hours credit. Christensen.
196. **Beowulf.** Four hours credit. Christensen. (Not given this year.)
197. **The History of the English Language.** Spring. 8:30. Christensen.
198. **Literary Criticism.** Spring. 2:30. Three hours credit. Christensen.
200. **Thesis for Master's Degree.** Time and credit to be arranged.

JOURNALISM

English 1, 2, and 3 are prerequisites for all courses in Journalism with the exception of the History of Journalism (Journalism 1) which may be taken concurrently with those courses.

Lower Division Courses

1. **History of Journalism.** Spring. M. F., 10:30. Two hours credit. Merrill.

This course will include a study of the development of the English as well as the American press, but will lay special emphasis upon recent times and movements.

2. **News and Newswriting.** Autumn. M. W. F., 8:30. Three hours credit. Culmsee.

A course in the study of what constitutes news as well as practice in gathering and writing news copy.

3. **Reporting.** Winter. Time to be arranged. Two hours credit. Merrill and Culmsee. Prerequisite: Journalism 2.

Methods of gathering and reporting news. Students will gather news in the regular channels in the City of Provo and will have experience in reporting for the daily press. Meetings for lectures will be arranged.

4. **Editing and Makeup.** Winter. T. Th., 8:30. Three hours credit. Culmsee. Prerequisite: Journalism 2.

A study of and practice in copy reading, editing, newspaper makeup, and headline writing.

5. **College Journalism.** Autumn, Winter, or Spring. Time to be arranged. One hour credit each quarter. Culmsee. Prerequisite: Journalism 2 or 4, or their equivalent.

Open only to members of the staff of the Y News who have credit in Journalism 2, 3, or 4, or have something else to substitute.

Upper Division Courses

50. **Feature Writing.** Winter. M. W. F. Time to be arranged. Three hours credit. Culmsee.

51. **Editorials and Editorial Writing.** Winter. M. F., 2:30. Two hours credit. Merrill. (Not given this year.)

52. **Special Feature Articles.** Spring. M. W. F., 8:30. Culmsee. Prerequisite: Journalism 2, or the permission of the instructor.

A study of newspaper and magazine special feature articles, types, and sources. Help will be given in planning and marketing the article.

53. **Writing for the Magazines.** Autumn. M. F., 2:30. Two hours credit. Merrill. Prerequisite: Consultation with the Instructor.

This course is designed for those who have some hope of making writing for the press either their vocation or an important avocation. All types of magazine materials and markets will be studied.

- 54. Book Reviewing.** Winter. M. F., 2:30. Two hours credit. Merrill. Prerequisite: Journalism 2 or 3, or English 12.

A study of current books, both fiction and non-fiction, and practice in reviewing them.

- 60. Problems of the Weekly Paper.** Spring. M. F., 2:30. Two hours credit. Merrill. Prerequisite: Journalism 2 or 4.

A study of the country weekly, its place in American life, and its possibilities.

- 65. Technique of Publicity.** Spring. T. Th., 8:30. Two hours credit. Culmsee. Prerequisite: Journalism 2 or 3.

A study of the approach to the public consciousness through the newspaper, the lecture, the radio address—in fact, a study of the purposes and means of publicizing.

FINANCE AND BANKING

Professors Clark, Swenson, Miller; Mr. Ballif.

Lower Division Courses

- 14. Economic and Financial History of the United States.** Autumn and Spring. M. W. F., 2:30. Three hours credit. Miller. (See Economics 14.)

The economic development of the United States through the colonial era and the period of the industrial revolution and westward movement, with emphasis upon economic integration and industrial organization.

- 21. Commercial Law.** Autumn. M. T. W. Th., 8:30. Four hours credit. Ballif. (See Political Science 43.)

Fundamental notions concerning legal principles and institutions; the law governing the formation, operation and effect, and performance of contracts; the law governing the acquisition and transfer of title to real and personal property, and rights based thereon. Leading cases decided by the courts will be examined.

- 22. Commercial Law.** Winter. M. T. W. Th., 8:30. Four hours credit. Ballif. (See Political Science 44.)

A study of the law governing Negotiable Instruments, emphasizing the essential characteristics of this class of contracts and its commercial importance, together with rights and liabilities of parties thereto; also a study of the law governing sales of personal property as distinguished from gifts, barter, and bailments. Reference will be made to the leading cases decided by the courts.

- 23. Commercial Law.** Spring. M. T. W. Th., 8:30. Four hours credit. Ballif. (See Political Science 45.)

A study of the law governing relationships arising out of business association. Agency, partnerships and corporations will be studied by an examination of the leading cases decided by the courts.

Upper Division Courses

- 51, 52. Business Finance.** Autumn, Winter. M. T. W. Th., 9:30. Four hours credit each quarter. Clark.

Financial problems connected with the organization of corporations, underwriting and the sale of securities, management, expansion, and the reorganization of those that are not successful. Prerequisites: Economics 1 and 2.

- 53. Money and Banking.** Spring. M. T. W. Th., 9:30. Four hours credit. Clark.

A study of the principles of money and banking and the exemplifications of these principles in the monetary and banking history of the United States. A study of the present-day currency and banking problems in the United States. Prerequisites: Economics 11 and 12.

- 54. Investments.** Spring. M. T. W. Th., 9:30. Four hours credit. Clark. (Not given this year.)

A study of the various forms of investment; distinction between investment and speculation; methods of investment. Prerequisite: Finance and Banking 51.

- 67. Public Finance and Taxation.** Winter. M. W. F., 2:30. Three hours credit. Miller. (See Economics 67.)

The science of public finance; the theory of public expenditure; public income and public debts; the preparation of the budget and financial administration.

Graduate Course

- 101. Research in Business Finance.** Winter, Spring. Two to five hours credit. Clark.

GEOLOGY AND GEOGRAPHY

*Professors Hansen, Martin; Associate Professor Hales;
Mr. Coffman.*

GEOLOGY

Geology 1, 2, 30, 51, 57, 71, 91 are required of students majoring in Geology.

Lower Division Courses

- 1. Physical Geology.** Autumn. Lectures. M. W. F., 8:30, and two Saturday field trips. Three hours credit. Hansen.

This course introduces in considerable detail the physical aspects of geology and should be elected by those intending to major in the subject.

- 2. Historical Geology.** Winter. M. W. F., and some assigned laboratory work. Three hours credit. Hansen.

A course in the development of the earth and the forms of life that have inhabited it. Prerequisite: Geology 1.

- 11. Survey Course.** Spring. Lectures, M. T. W. Th., 10:30. Four hours credit. Hansen and Coffman.

A survey of the fields of physical and historical geology, which will give the student a basis for reading and thinking on the relation of the earth, man and nature. For non-science students who are interested only in a general orientation in this phase of physical science.

- 30. Mineralogy.** Winter. T. Th., 8:30. Laboratory T. Th., 2:30 to 4:30. Four hours credit. Hansen. Prerequisite: high school chemistry or an introductory course in college chemistry.

An elementary course in the study of about 80 of the more common minerals that can be determined by simple chemical and blowpipe tests.

Upper Division Courses

- 51. Structural and Field Geology.** Spring. Daily, 8:30, and forty hours laboratory or field work during the quarter. Five hours credit. Hansen.

A course in the recognition and interpretation of rocks, rock structures and deformations, on geological maps and in the field. Training in the making of geological maps and sections. Emphasis is laid on the influence of rock structures on the deposition of metal deposits and the accumulation of oil and water. Prerequisites: Geology 1 and 2.

- 55. Sedimentation.** Winter. M. W. F., 8:30. Three hours credit. Hansen. (Not given this year.)

Lectures on the processes of sedimentation, supplemented by laboratory studies of unconsolidated sediments and sedimentary rocks with the idea of determining their origin and the conditions under which they are formed.

- 57. Soil Geology.** Spring. M. W. F., 8:30. Three hours credit. Martin. Prerequisites: Geology 1 or 2 and Chemistry 1.

- 61. Geology of the United States.** Spring. Daily. Five hours credit. Hansen. Prerequisites: Geology 1, 2 and 51. (Not given this year.)

A thorough course in the stratigraphy of the United States by physiographic provinces. The materials published by the U. S. Geological Survey and the state surveys will be used.

- 63. Water Resources.** Autumn. M. W. F., 1:30. Three hours credit. Coffman. (See Agronomy 63.) (Not given this year.)

A study of underground waters and their economic importance with special reference to streams, springs, wells, and drainage. Prerequisite: Geology 1.

- 71. Invertebrate Paleontology.** Spring. M. W. F., 2:30, and three hours laboratory work. Prerequisite; Zoology 55. Three hours credit. Hansen. This course alternates with course 72.

A study of invertebrate life forms, of the parts that may be fossilized, and of the condition under which plant and animal remains have been preserved; and deals with the collection and preparation of fossils and their identification.

- 72. Vertebrate Paleontology.** Spring. T. Th., 10:30. Three hours laboratory. Prerequisite: Zoology 56 or Geology 3. Three hours credit. Hansen. (Not given this year.)

- 73. Stratigraphy and Fossils of the Wasatch.** Autumn. Time to be arranged. Eight hours field or laboratory work. Prerequisite: Geology 71. Three hours credit. Hansen.

A course in the rocks and fossils of the Wasatch range giving the student experience in collecting and determining fossils and their age.

- 83. Seminar.** Autumn, Winter and Spring. One hour credit each quarter. W., 3:30.

Required of junior and senior students who are majoring in this department.

- 91. Economic Geology.** Winter. Daily, 10:30. Five hours credit. Hansen.

The geologic occurrence, economic importance and methods employed in mining the non-metallic, metallic, and mineral products. Attempts to evaluate these minerals in the United States and especially those in Utah. Suggests prospecting methods and the economic factors concerned in successful exploitation. Prerequisites: Geology 1, 2, and 30.

- 93. Ore Deposits of Utah.** Spring. T. Th., 8:30, and trips to Utah mining districts, the expense of which the student must meet. Three hours credit. Hansen.

Intended to follow course 91. It deals with the

genesis of the ores of Utah and their profitable extraction. Embraces a study of the mining districts of the state. Prerequisite: Geology 91.

96. Readings in Geology. One to three hours credit. For students majoring in Geology. Hansen.

Graduate Courses

101, 102, 103. Research. Hours and credit to be arranged. Hansen.

Special problems in the field of Geology will be assigned to students prepared to do original work.

110. Geology of Utah. Autumn, T. Th., 1:30, and three long field trips, the expense of which is borne by the students. Three hours credit. Prerequisites: Geology 1, 2, and 51. Hansen.

Intended for advanced or graduate students who already have a working knowledge of Geology. Deals with the geologic history of the state and its development into distinct provinces. A thorough study of its stratigraphy is made; type localities will be visited to study the formations and structures.

121. Index Fossils. Spring. M., 10:30, and six hours laboratory work by arrangement. Three hours credit. Hansen.

A course dealing with the fossils that mark the geologic periods in Utah. Prerequisites: Geology 2 and 71, or their equivalent.

155. Sedimentation.

161. Geology of the United States.

191. Special Problems in Non-Metals.

192. Special Problems in Metals.

194. Engineering Problems in Geology.

200. Thesis Work.

GEOGRAPHY

Lower Division Courses

5. **Introductory Geography.** Autumn. Daily, 1:30. Five hours credit. Coffman.

Course introducing all other work in the department. Deals with the fundamental principles of Geography whether political, historical, physiographic or economic.

6. **Physiography.** Winter. M. W. F., 1:30. Three hours credit. Hansen and Coffman. (Not given this year.)

A general course in the agencies at work on the earth's surface and the forms developed by them.

7. **Advanced Physiography.** Spring. M. W. F., 1:30, and several field trips by arrangement. Four hours credit. Prerequisite: Geography 6. Hansen and Coffman.

Continuation of course 6. (Not given this year.)

21. **Meteorology.** Autumn. M. T. W. Th., 10:30. Four hours credit. Hales. (See Physics 21.)

This course deals with the physics of the earth's atmosphere. It includes a study of the causes which produce variations in pressure, temperature, and humidity of the air and their influence upon the weather and the climate. This course is particularly valuable to those interested in aeronautics, weather bureau work or teaching.

31. **Geography of Economic Products.** Spring. Daily, 1:30. Three hours credit. Coffman.

This course deals with the geographic and human factors that have governed the development and localization of industries.

Upper Division Courses

50. **The Geography of Life.** Spring. M. W. F., 10:30, and all-day field trips. Four hours credit. Hansen. (Not given this year.)

Lectures and readings on the factors that control

the distribution and abundance of plant, animal and human life. A thesis on some assigned aspect of the subject.

- 52. Human Geography.** Autumn. M. W. F., 10:30. Three hours credit. Hansen.

The response man has made to his geographic environment. Deals less with men's modification and control of nature than with nature's effect on him.

- 62. Geography of the United States.** Autumn. M. W. F. Three hours credit. Hansen. (Not given this year.)

Geography 1 and 2 are prerequisites to this course.

Graduate Courses

- 105, 106, 107. Research.** Hours and credit to be arranged. Hansen.

Under this course special problems may be assigned students who are prepared to do original work in the field of Geography.

- 111. Physiography of Utah.** Spring. T. Th., 8:30, and three Saturday field trips. Three hours credit. Hansen.

Open to advanced students in Geography. Deals with the present surface forms of Utah and how they came to be developed.

- 152. Special Problems in Human Geography.**

- 162. Geography of United States.**

- 200. Thesis Work.**

HISTORY

*Professors Jensen, Snow; Associate Professor Sperry;
Assistant Professor Swenson.*

Requirements for a Major in History

Students must present a minimum of fifteen hours of upper division credit in History. The upper division courses selected must be approved by the major professor at the time of registration.

Lower Division Courses

1. **History of Civilization.** Autumn. Daily, 9:30. Five hours credit. Snow.

This course will neglect destructive forces, and survey constructively the whole field of human progress from the earliest developments to the present time. Orientation in all lines of human achievement is the primary objective. It is hoped that such a comprehensive view of the world will serve, in a small way at least, as an introduction to all the other studies in the curriculum, and at the same time broaden the sympathies of the students, give them a stronger feeling of fellowship toward all mankind, and increase their appreciation of the heritage of the ages. While planned more particularly for freshman and sophomore students, it will, it is hoped, be of value to all who desire exposure to the general phases of man's upward climbing.

10. **History of England to 1485.** Autumn. M. W. F., 8:30. Three hours credit. Snow.

The origins of English institutions; the beginnings of nationality; the Norman conquest and its results; feudalism in England; influence of Henry II and Edward I; parliamentary development of the 13th century; the beginning and development of popular rights; the rise of the industrial and commercial

classes; the Hundred Years War; the Wars of the Roses.

- 11. History of England, 1485 to 1714.** Winter. M. W. F., 8:30. Three hours credit. Snow.

England under the Tudors; constitutional reaction; the struggle of the Stuarts with the forces of Puritanism; the Commonwealth and the Protectorate; influences of Cromwell; the Restoration; the Revolution of 1688; reign of Queen Anne.

- 12. History of England, 1714 to 1927.** Spring. M. W. F., 8:30. Three hours credit. Snow.

The development of cabinet government; the wars with France; the Napoleonic struggles; the conditions leading to the American Revolution and the loss of the American colonies; the expansion of the British Empire; the political, social, religious, and economic reforms of the nineteenth century; the Irish question; Great Britain in the World War; problems since the War.

- 20. History of the United States to 1789.** Autumn. M. W. F., 2:30. Three hours credit. Jensen.

A study of the problems of discovery, exploration, and colonization; European conflicts for colonial possessions in America; causes, conflicts, and results of the American Revolution; establishment of state governments; the "Critical Period" and its problems; the work of the Federal Constitutional Convention; ratification of the Constitution.

- 21. History of the United States, 1789 to 1861.** Winter. M. W. F., 2:30. Three hours credit. Jensen.

The establishment of a national government; political theories of Federalists and Anti-Federalists; Jeffersonian democracy; the Second War with England; the "Rise of the New West"; formulation of the Monroe Doctrine; the Jacksonian "reign"; nullification; the Mexican war; economic, political, and moral phases of slavery.

- 22. History of the United States Since 1861.** Spring. M. W. F., 2:30. Three hours credit. Jensen.

The problems of secession; the military, political, and economic aspects of the Civil War; problems of reconstruction; civil service reform; the Far West; Spanish-American War; the Philippine question; industrial and social problems; diplomacy and foreign relations; political parties and party activities; participation in the World War; post-war problems.

- 23. Great American Political Personalities.** Autumn. T. Th., 8:30. Two hours credit. Jensen. (Not given this year.)

A study of the lives and times of prominent Americans who have helped to influence and shape American history from colonial times to the present.

- 28. History of Latin America.** Winter. M. W. F., 8:30. Three hours credit. Snow. (Not given this year.)

This course will cover in a summary fashion, and in a more thorough manner the history of the Hispanic American republics and their relation to the United States.

- 29. History of Latin America.** Spring. M. W. F., 8:30. Three hours credit. Snow. Continuation of History 28. (Not given this year.)

Upper Division Courses

- 50. Early Oriental History.** Autumn. M. W. F., 10:30. Three hours credit. Sperry.

This course deals with the most ancient civilizations of the world. A study is made of Egypt, Babylonia, Assyria, China, India, Arabia, Persia, the Hebrews, and other oriental races. The course will be helpful to those especially interested in the Jewish scripture.

- 51, 52, 53. History of the Hebrew Civilization.** Autumn, Winter, Spring. M. W. F., 9:30. Three hours credit each quarter. Sperry.

A survey of the forces acting on the Hebrew commonwealth from earliest times. The message and present significance of the great creative personalities in Hebrew religious life will be especially emphasized.

- 54. Grecian History.** Winter. M. W. F., 10:30. Three hours credit. Sperry.

A study of the development of the political, social and economic life of the Greek people from the earliest time to the conquest by Alexander. The fifth and fourth centuries will be given special consideration.

- 57. Roman History.** Spring. M. W. F., 10:30. Three hours credit. Sperry.

A brief survey of the earlier period and the Republic, and a more intensive study of the imperial period, its struggles and vicissitudes to the period of Justinian.

- 62. Medieval History.** Winter. M. W. F., 9:30. Three hours credit. Snow.

Studies covering the period from 500-1200. Considerable attention will be given to the Latin Church, the growth of Monasticism and the interrelation of Charlemagne's Empire and the Papacy, the growth and character of Feudalism, and finally review the rising power of the Church and European society in general in the twelfth century.

- 63. Medieval History.** Spring. M. W. F., 9:30. Three hours credit. Snow.

A survey of the cultural and political development of Europe, 1200-1500.

- 70. Europe, 1500-1713.** Autumn. M. W. F., 2:30. Three hours credit. Snow.

A study of the Revolutionary ideas that challenged the traditional views in theology, science, and politics, and a consideration of the conflicts resulting therefrom.

- 71. Europe, 1713-1871.** Winter. M. W. F., 2:30. Three hours credit. Snow.

(a) A survey of European rivalries and wars to 1763; (b) A study of the intellectual awakening in science and philosophy culminating in the American and French Revolutions, and followed by the struggle between liberalism and reaction to 1871.

- 72. Europe, Since 1871.** Spring. M. W. F., 2:30. Three hours credit. Snow.

A study of the new imperialism and its far reaching results in Asia, Africa, Australia, and South America; International relations, 1870-1914; (a) the Concert of Europe, (b) the Hegemony of Germany, (c) the balance of power; general and immediate causes of the World War; the progress and conclusion of the War.

- 80. History of the West and the Ever Receding American Frontier.** Autumn. M. W. F., 3:30. Three hours credit. Snow.

After a brief survey of European expansion in North America and international rivalry for the Caribbean area and the Atlantic tidewater region, attention is given to the French in the heart of America and their eventual downfall at the hands of the English in 1763. Spanish expansion in the southwest and up the Pacific coast is given consideration. With this background and setting the American west and the significance of the frontier are given detailed study.

- 81. History of the West.** Winter M. W. F., 3:30. Three hours credit. Snow.

The development and filling in of the Trans-Mississippi West and the acquisition of territory from Spain and Mexico in 1848.

- 82. History of the West.** Spring. M. W. F., 3:30. Three hours credit. Snow.

Various aspects of the frontier and the West in

American politics. Western panaceas for economic ills, the cow countries, railroad activities, admission of omnibus states, disappearance of frontier in 1892.

- 95. American History to 1789.** Autumn. T. Th., 2:30. Two hours credit. Jensen.

A study of colonial institutions and the constitutional relations between the colonies and the mother country; the problem of British imperialism; constitutional theories and principles involved in the Revolutionary struggle; problems of the Confederation; the work of the Federal Constitutional Convention.

- 96. History of the United States from 1789 to 1861.** Winter. T. Th., 2:30. Two hours credit. Jensen.

A study of the organization of the new government; the problems of nationality and state rights; the problems involved in slavery and in the expansion of the nation.

- 97. History of the United States Since 1861.** Spring. T. Th., 2:30. Two hours credit. Jensen.

An examination of the theory of secession; constitutional aspects of the war power; the problem of reconstruction; questions relating to industrial and economic expansion, insular possessions, the World War and its after effects.

Graduate Courses

- 110. History of England, 1066-1688.** A study of the rise of the bourgeoisie and the evolution of Parliamentary supremacy.

- 111. History of England, 1689-1832.** An intensive study of the evolution of cabinet government, or the Machine Age and its industrial and social consequences.

- 112. History of England Since 1832.** Expansion and industrialism and the new economic doctrine of laissez-faire.

150. **Early Oriental History.** Problems of ancient civilizations.
- 151, 152, 153. **History of Hebrew Civilization.**
154. **Grecian History.** A study of important problems dealing with the development of Greek life and culture.
157. **Roman History.** Problems of agrarian reform and Roman imperialism.
162. **Medieval History.** The struggle between the empire and papacy, feudalism, monasticism, etc.
163. **Medieval History.** The growth of cities, rise of national monarchies, pre-reformation movement, etc.
170. **Modern History.** The new Science and philosophy of the seventeenth and eighteenth centuries.
171. **Modern History.** The struggle between liberalism and conservatism in the nineteenth century.
172. **Modern History.** Some problems connected with the World War and intricate world relations since then.
180. **History of the West.** The West as a factor in international rivalry to 1763, and as a potential force in the American Revolution.
181. **History of the West.** The influence of the West in the opening of the Mississippi, the War of 1812, the American system, etc.
182. **History of the West.** The history of the Trans-Mississippi West, the Great Basin, etc.
195. **American History.** Problems of Colonial and Revolutionary history.
196. **American History.** Topics in the development of American political and historical institutions.
197. **History of the United States.** Problems in recent American constitutional history.
200. **Research for Master's Thesis.**

HOME ECONOMICS

Associate Professor Warnick; Professors Elliott, Larsen; Miss Swenson, Miss Scorup, Miss Billings.

It is advised that students of Home Economics take both major and minor in this department as this facilitates placement in teaching positions. Major or minor may be obtained in Clothing and Textiles, or Foods and Nutrition or Household Administration. Some Clothing and Textiles and Foods and Nutrition credits will be accepted toward a major in Household Administration. It is recommended that the prerequisites of courses be taken as listed. Household Administration 71 and Secondary Education 67 are required of students expecting teaching positions.

CLOTHING AND TEXTILES

Six approved hours of Foods and Nutrition and Household Administration may count towards a major in Clothing and Textiles.

Lower Division Courses

1 or 70. Clothing Selection and Construction. Autumn. Sec. 1, 8:30; Sec. 2, 2:30. M. T. W. Th. Two hours credit. Billings.

Fundamental principles of clothing selection and construction applied to personal clothing. The development of judgment and good taste by application of art principles to clothing. Emphasis will be placed upon the development of skills and the use of commercial patterns. Prerequisite or parallel Art 21.

2 or 71. Clothing Design and Construction. Winter. Sec. 1, 8:30; Sec. 2, 2:30. M. T. W. Th. Two hours credit. Billings.

Basic principles of design and pattern building through a study of methods of blocking, draping, and designing. Garments will be constructed from patterns created by student. Prerequisite or parallel Art 25.

- 3 or 72. Clothing Construction and Selection.** Spring. Sec. 1, 8:30; Sec. 2, 2:30. M. T. W. Th. Two hours credit. Billings.

Recapitulation of clothing problems and techniques as applied to clothing selection and construction. Prerequisite or parallel Art 26.

Note: Courses 1, 2 and 3 should be taken in sequence. Exceptions may be made only by consent of instructor.

- 5. Survey Course in Clothing Construction.** Autumn, Winter, Spring. M. T. W. Th., 10:30. Two hours credit. Billings.

Introducing fundamental problems involved in wise selection, artistic design and construction of personal clothing.

- 10. Dress Appreciation.** Autumn. 1:30, M. W. F. Three hours credit. Billings.

A study of the economic and artistic problems involved in the purchase of ready-to-wear clothing, care of clothing, emphasis on fashion problems.

Upper Division Courses

- 50. Clothing Decoration.** Autumn. M. T. W. Th., 9:30. Two hours credit. Elliott.

Decorative needle work stitches applicable to household and dress decoration. Planning and developing simple decorative designs for all types of clothing. Articles of clothing applying these stitches will be made in the course.

- 51. Practical Household Crafts.** Winter. M. T. W. Th., 9:30. Two hours credit. Elliott.

The decorative stitchery given in course 50 is applied on clothing and articles used in the home.

- 52. Children's Clothing.** Spring. M. T. W. Th., 9:30. Two hours credit. Elliott.

A consideration of design and construction of children's clothing suitable to various ages and types.

- 55. Advanced Garment Construction.** Autumn. M. W. F., 2:30. Two hours credit. Elliott.

Practice in renovating and remodeling. The principles of tailoring and applying the same to clothing.

- 56. Advanced Garment Construction.** Winter. M. W. F., 2:30. Two hours credit. Elliott.

Problems involved in the technique of dresses, coats, and suits. Emphasis will be placed on the tailoring of these articles, supplemented with lectures, discussions and demonstrations.

- 57. Wardrobe Building.** Spring. M. W. F., 2:30. Two hours credit. Elliott.

Planning and designing dainty clothing for a college girl's wardrobe. Emphasis is put on the finishings of trimmings and material and on color combination.

- 60, 61. Textiles.** Autumn and Winter. T. Th., 10:30. Three hours credit each quarter. Elliott.

Prerequisite: Chemistry 3. History of primitive and modern methods of manufacturing textiles. This includes a study of growth, preparation and manufacture of fibers as a basis of judgment in the purchase and use of materials used for clothing and house furnishings. Special consideration is given to the economic trend of the commonly used fibers.

- 62. Textiles.** Spring. T. Th., 10:30. Three hours credit. Elliott.

Continuation of course 61.

Field trips to stores and industries to study material are part of this course.

- 65. Costume Design.** Winter. M. W. F., 1:30. Three hours credit. Billings.

A study of art principles and their application to costume design, with special consideration of line, texture, and color to suit definite types. A brief study of sources of present-day fashion. Prerequisite: Art 21 or 25.

- 66. Advanced Costume Design.** Spring. M. W. F., 1:30. Three hours credit. Billings.

The historic development of fashion and its contribution to present day styles. Principles and skills underlying the development of costume for school entertainment. Emphasis will be placed on original and creative effort. Prerequisite: Clothing and Textiles 65.

FOODS AND NUTRITION

Four approved hours of Clothing and Textiles or Household Administration may count toward a major in Foods and Nutrition.

Lower Division Courses

- 1. Food Problems in the Home.** Autumn. T. Th. Lecture 2:30-3:30; Laboratory 3:30-5:30. Three hours credit. Scorup. (Not given this year.)

For girls not majoring in home economics who desire some experience in the planning, preparation, and serving of adequate, well-cooked family meals. Considers costs, selection, and preservation of foods; preparation of breakfast dishes, the planning, preparation and serving of breakfast at a limited cost.

- 2. Food Problems in the Home.** Winter. T. Th. Lecture 2:30-3:30. Laboratory 3:30-5:30. Three hours credit. Scorup. (Not given this year.)

A continuation of course 1. Planning a convenient kitchen; selection of kitchen equipment; preparation of luncheon and dinner dishes; the planning, preparation, and serving of various types of family lunches and dinners at a limited cost. Managerial ability and marketing are stressed.

- 3. Food Problems in the Home.** Spring. M. W. Lecture 2:30-3:30. Laboratory 3:30-5:30. Three hours credit. Scorup. (Not given this year.)

A continuation of course 2. Preparation of dinner dishes and the planning, preparation, and serving of various types of family dinners at a limited cost.

Special attention is given to the cookery of meats and vegetables.

Note: Courses 1, 2, and 3 may be taken in order but there are no prerequisites for them.

4. Cookery Problems. Spring. M. W. F.; Laboratory 7:30-8:30. One hour credit. Scorup.

For men desiring experience in simple meal preparation. Special fee \$2.00. (Not given this year.)

5. Elementary Nutrition. Winter. T. Th., 10:30. Two hours credit. Scorup.

A study of the nutritive properties of common food materials and the essentials of an adequate diet. As this course is designed primarily for normal students, food for the school child will receive special attention. Open to men and women and required of students minoring in Foods and Nutrition who do not take course 53.

10 or 70. Food Selection, Preparation, and Serving. Autumn. M. W. Lecture 2:30-3:30. Laboratory, Sec. 1, T. Th., 8:30-10:30; Sec. 2, M. W., 3:30-5:30. Three hours credit. Scorup.

Prerequisite, Chemistry 3 or equivalent. Special emphasis is placed on experimental cookery. The economy, the palatability, and proper balance of meals are considered. Special emphasis is placed dishes suitable for breakfast and their serving.

11 or 71. Food Selection, Preparation, and Serving. Winter. M. W., Lecture 2:30-3:30. Laboratory. Sec. 1, T. Th., 8:30-10:30; Sec. 2, M. W., 3:30-5:30. Three hours credit. Scorup.

Prerequisite: course 10. A continuation of course 10, with special emphasis on different luncheon dishes. Various types of luncheons are served.

12 or 72. Food Selection, Preparation and Serving. Spring. M. W. Lecture, 2:30-3:30. Laboratory. Sec. 1, T. Th., 8:30-10:30; Sec. 2, M. W., 3:30-5:30. Three hours credit. Scorup.

Prerequisite: course 11. A continuation of courses 10 and 11. Special emphasis is placed on formal table service. Dishes and menus for different types of diners are studied.

15 or 75. Food Economics. Autumn. T. Th., 10:30. Laboratory in form of field trips. Three hours credit. Scorup.

Food marketing and purchasing. Principles underlying selection of materials and supplies, markets, advertising, and brands will be considered with reference to public economy and conservation. Food budgets and preservation of foods. Special assignments will be made in food marketing problems. The subject is approached from the viewpoint of the buyer of foods and the teacher of home economics.

Upper Division Courses

50. Large Quantity Cookery and Marketing. Autumn, Winter, Spring. Daily. 10:30-1:30. Five hours credit. Swenson.

Experience in management of school cafeterias, quantity cookery, marketing, keeping of cafeteria accounts. Prerequisites or parallel courses 10, 11, 12, or equivalents. Students should register in the autumn for a place during the year. Limited to five students each quarter.

52. Nutrition of Children. Winter. T. Th., 1:30. Laboratory, M. T. Th. F., 11:30-1:30. Three hours credit. Warnick. (Not given this year.)

A consideration of the nutritional requirements and disorders of pregnancy, infancy, the pre-school and the school child. Laboratory work will be given in connection with undernourished children in the Training School.

53. Nutrition. Autumn. M. W. F., 9:30. Four hours credit. Scorup. Laboratory W. 2:30-5:30.

Prerequisites: Chemistry 3, 9, 76 and Home Eco-

nomics 10, 11, 12. A study of the chemistry, digestion and metabolism of carbohydrates, fats, and proteins, also the properties of food and their effect on health and growth. This course and the two following, should be taken whenever possible in the junior year.

54. Dietetics. Winter. M. W. F., 9:30. Laboratory 2:30-5:30. Four hours credit. Scorup.

Prerequisite: course 53. A continuation of course 53, with a discussion of the latest work on minerals and their metabolism, vitamins and the deficiency diseases. The food requirements of the family and individual are considered.

55. Nutrition in Disease. Spring. M. W. F., 9:30. Laboratory, Wednesday 2:30-5:30. Four hours credit. Scorup.

Prerequisite: courses 53 and 54. This course deals with the value of food in maintaining health. Emphasis is placed on special diets for different diseases.

56. Seminar in Nutrition. Spring. T. Th., 10:30. Two hours credit. Scorup. (Not given this year.)

Required of all senior girls majoring in Foods and Nutrition.

57. Advanced Problems in Cookery. Winter. Time to be arranged. Two hours credit. Lecture and laboratory period. Scorup.

58. Experimental Animal Nutrition. Open to seniors and graduates only. Prerequisite: 5 hours in organic or biochemistry and courses 53 and 54. This course is designed to acquaint students with the methods used in small animal experimentation. One hour lecture. Laboratory time and credit to be arranged. (See Animal Husbandry 98.)

HOUSEHOLD ADMINISTRATION

Ten approved hours of Foods and Nutrition and Clothing and Textiles may count towards a major in this field.

Lower Division Courses

- 1. Household Problems.** Autumn. T. Th., 9:30. Two hours credit. Warnick.

This course will present the most important problems in the organization and management of the household, including a simple study of the family income and its expenditure. Open to housewives and to students not majoring in home economics.

- 10. Family Health.** Winter. T. Th., 8:30. Two hours credit. Warnick.

A consideration of factors underlying health, common communicable diseases and their treatment; home care of the sick.

Upper Division Courses

- 50. Home Planning.** Winter. M. W. F., 1:30. Two hours credit. Larsen.

Historic development of the house. Study of American styles of home architecture. Proper location and environment for the home. House planning. Study of plans and specifications. Effect of form, line and color. Prerequisite: Art 21. (See Art 80.)

- 51. Interior Decoration.** Spring. M. W. F., 1:30. Two hours credit. Larsen.

Study of Art principles as applied to the furnishing and decorating of the home. Relation of art to floor finishes and coverings, natural and artificial lighting, draperies and upholstering, furniture, pictures and bric-a-brac.

- 60. Home Management.** Spring. M. W. F., 8:30. Three hours credit. Warnick.

The study of the organization and management of the home, including home ideals, methods of work, division of time in the household and household tools.

- 61. Economics of the Household.** Winter. M. W. F., 8:30. Three hours credit. Warnick. (Not given this year.)

A study of the household in its economic and social relation, including a study of the family income and its expenditure. Prerequisite: Sociology 11 or Economics 11.

- 62. Family Relationships.** Spring. M. W. F., 1:30. Three hours credit. Warnick.

The modern family, its function and structure; modern social conditions affecting its stability and pattern; characteristics of a well adjusted family; desirable traits of family members; responsibilities and contributions of members of the family group to the family life, economic, social, moral, spiritual. Preparation for marriage. Open to men and women.

- 63. Standardization of Consumer's Goods.** Winter. M. W. F., 8:30. Three hours credit. Warnick.

This course will consider the position of the consumer-buyer today; the nature of standards and standardization; the process of standardization; and the present status of standardization.

- 64. Housing Problems of the Modern Family.** Autumn. M. W. F., 8:30. Three hours credit. Warnick.

This course will aim to present and discuss problems facing the homemaker today in the selection of shelter for the family. It will consider social aspects of housing, convenience of floor plan, heating, ventilation, lighting, plumbing, sanitation, housing standards, and methods of financing. Owning or renting, cost of building, and what to look for in renting or buying a home will be included.

- 70. Vocational Survey of Field of Home Economics.** Autumn. T., 1:30. One hour credit.

Members of Home Economics Faculty.

Vocational opportunities for the home economics trained woman are investigated and discussed with the view of directing major students in selecting the

field for which they are best adapted. Required of all junior students, also seniors who have not previously had the course.

71. Methods of Teaching Home Economics. Spring. T. Th., 7:30. Two hours credit. Warnick.

A study of adapting home economic courses to existing home and community needs; equipment and teaching facilities; laboratory arrangement and management; the teacher and professional adjustment. For juniors majoring in home economics, who are preparing to teach.

72. Methods of Teaching Home Economics. Autumn. T. Th., 8:30. Two hours credit. Warnick.

A discussion of objectives, teaching methods in their relation to home economics, curriculum content, project teaching and related subject matter. For seniors in home economics who are preparing to teach. (See Secondary Teaching 67.)

80. Child Care. Autumn. M. W. F., 1:30. Three hours credit. Warnick.

Agencies working for child welfare; problems of parental and infant care; physical and mental standards of development; general care and hygiene of mother and child.

81. Child Development. Winter. M. W. F., 1:30. Three hours credit. Warnick.

Habit formation and behavior problems of the infant and pre-school child; home influence in the care and training of children; mental hygiene, observation of children in the home.

82. Seminar in Child Development. Spring. One hour credit. Time to be arranged. Warnick.

HORTICULTURE

Associate Professor Morris; Mr. Shaw.

Students majoring in Horticulture are required to take the following: 1, 3, 6, 51, 53, 57, 59. Botany 12 should be taken the first year.

Lower Division Courses

1. **Principles of Pomology.** Autumn. M. W. F., 8:30; Laboratory M., 2:30-5:30. Four hours credit. Shaw.

The principles underlying profitable orchard management. Profits will be emphasized. History of orcharding in the United States, methods of planting, selection of locations and sites, marketing, storage, harvesting, thinning, proper care of the trees.

2. **Olericulture.** Spring. M. W. F., 8:30; Laboratory M., 2:30-5:30. Three hours credit. Shaw.

The underlying principles of home and commercial vegetable production. Production for better profits emphasized.

3. **Plant Propagation.** Winter. T. Th., 9:30. Laboratory W., 2:30-5:30. Three hours credit. Morris, Shaw.

Sexual and asexual means of propagation studied spores, seeds, grafting, budding, cutting, layering, separation.

- 4, 5, 6. **Ornamental Herbaceous Plant Materials.** Autumn, Winter, Spring. T., 1:30. One hour credit each quarter. Morris. (See Landscape Architecture 4, 5, 6.)

Annual and perennial flowering plants used in landscape design will be studied. Cultural methods, and insects and disease pests of each will be also considered.

7. **Small Fruits.** Winter. M. W., 9:30. Laboratory W., 2:30-5:30. Three hours credit. Shaw.

A study of varieties, propagation, cultural methods, pruning, training, insect and disease control, and

harvesting. Crops studied are grapes, strawberries, raspberries, dewberries, blackberries, currants and gooseberries.

8. **Ornamental Woody Plant Materials.** Autumn. T. Th., 8:30; Laboratory 2:30-5:30. Three hours credit. Morris.

Ornamental shrubs and trees used in landscape design will be studied. The student will learn to identify a large number, and also to control various pests that attack them.

9. **Ornamental Woody Plant Materials.** Spring. T. Th., 8:30; Laboratory 2:30 to 5:30. Three hours credit. Morris.

This course is a continuation of Horticulture 8.

10. **Landscape Design.** Autumn. T. Th., 9:30; Laboratory T., 2:30-5:30. Three hours credit. Morris.

(See Landscape Architecture 9.)

Upper Division Courses

51. **Origin and History of Cultivated Plants.** Winter. T. Th., 8:30. Two hours credit. Morris.

Study of origin of species and varieties. Changes and adaption of plants. Interesting historical facts of plants.

52. **Systematic Pomology.** Autumn. T. Th., 1:30; Laboratory, F., 2:30-5:30. Three hours credit. Shaw.

Emphasis placed on identification of fruits and fruit trees. Wild and cultivated species studied. Development of varieties from species. Description and nomenclature.

53. **Fundamentals of Fruit Production.** Spring. M. W. F., 1:30. Three hours credit. Shaw.

A technical course based upon plant physiology and morphology as applied to fruit production. Nutrition, water relations, winter injury, pollination problems, physiology of pruning, climatic factors will be studied. Prerequisites: Agronomy 41, Botany 60, and Chemistry 9 or equivalent.

- 54. Commercial Gardening.** Autumn. T. Th., 2:30. Two hours credit. Shaw.

A study of large scale production for canning factories, special and general markets.

- 55. Practical Problems in Horticulture.** Spring. Laboratory course. Time to be arranged. One hour credit. Shaw.

A study of horticultural problems in Utah. Orchards and plantations will be visited and studied.

- 58. Commercial Pomology.** Spring. M. W. F., 1:30. Three hours credit. Shaw.

Problems dealing with the handling and marketing of fruits, including picking, grading, packing, transportation, storage and marketing.

- 59. Plant Breeding.** Winter. M. W. F., 1:30. Three hours credit. Morris.

A study of plant genetics in relation to improvement of plants. Methods of hybridizing and selection for the development of plant varieties, as practiced in Europe and America. Prerequisite: Genetics (given in Zoology and Botany departments).

- 80. Advanced Vegetable Physiology.** Winter. M. W. F., 2:30. Three hours credit. Shaw.

Ecological and physiological factors underlying the production, preparation for market, and storage of vegetable crops. Prerequisites: Agronomy 41, Botany 60 and Chemistry 9 or equivalent.

- 91. Seminar.** Three hours credit. Time to be arranged.

A study of the research work being done at the various experiment stations. For seniors majoring in Horticulture.

Graduate Courses

- 101. Methods of Research.** Time and credit to be arranged.

Methods used in the investigation of horticultural

problems. Study of published reports, outlining, methods of attack.

102. Research. Time and credit to be arranged.

Students who are qualified are required to do some horticultural research problems.

153. Advanced Fruit Production.

180. Advanced Vegetable Physiology.

LIBRARY

Miss Ollorton, Mrs. Gillespie, and Mrs. Brown

11. Use of Books and Libraries. Autumn, Winter, or Spring. Th., 3:30. One hour credit.

The purpose of this course is to help students to become efficient in using books and libraries. The use of reference books and an understanding of the card catalog will receive special emphasis.

MATHEMATICS

Professors Eyring, Marshall; Associate Professor Hales.

Students who major in Mathematics have the following courses prescribed: Mathematics 11, 12, 49, 50, 51, 52, 71, 72.

Lower Division Courses

- 11. College Algebra.** Autumn. Daily, 8:30 and 2:30. Five hours credit. Eyring and Marshall.

A study of fractions, exponents and radicals, quadratic equations, logarithms, elementary series, determinants, etc.

- 12. Plane Trigonometry.** Winter. Daily. 8:30 and 2:30. Five hours credit. Marshall and Hales.

- 13. Graphical and Statistical Methods.** Spring. Daily, 9:30. Five hours credit. (Not given this year.)

The graphical representation of data, method of averages, measurement of variability, correlation, probable errors, etc.

- 35. Mathematical Theory of Investments.** Spring. M. W. F., 2:30. Three hours credit. Marshall.

Application of Algebra to general business problems, such as annuities, amortization, capitalization, depreciation, sinking fund, bond values and building and loan associations.

- 49. Analytic Geometry.** Spring. Daily, 8:30. Five hours credit. Eyring.

A study of rectangular co-ordinates, straight line, circle, parabola, ellipse, hyperbola, transfer of co-ordinates, etc. Prerequisites: Mathematics 11 and 12.

Upper Division Courses

- 50. Differential Calculus.** Autumn. M. T. W. Th., 8:30. Four hours credit. Marshall.

An introductory course with numerous applications of the principles to tracing of curves, and the

solution of problems from geometry and mechanics. Prerequisite: Mathematics 49.

- 51. Integral Calculus.** Winter. M. T. W. Th., 8:30. Four hours credit. Marshall.

The purpose and nature of integration is developed. Principles applied to problems in geometry, mechanics and physics.

- 52. Advanced Calculus.** Spring. M. T. W. Th., 8:30. Four hours credit. Marshall.

Development of the definite integral as a sum, together with development of the more theoretical aspects of the differential calculus. Use of partial derivatives, multiple integrals, development in series, Green's Theorem, etc.

- 71. Differential Equations.** Autumn. M. W. F., 9:30. Three hours credit. Marshall.

The study of differential equations of the first order, linear differential equations, total and partial differential equations with numerous applications to physics. Junior or senior year. Prerequisite: Mathematics 52.

- 72. Differential Equations.** Winter. M. W. F., 9:30. Three hours credit. Marshall. Continuation of 71.

- 81. Theoretical Mechanics.** Autumn. Daily, 10:30. Five hours credit. Eyring.

Fundamental principles of mechanics and their applications to physical problems. Prerequisites: Calculus and Physics 41, 42, 43.

- 82. Dynamics.** Winter. Daily, 8:30. Five hours credit. Eyring.

The application of d'Alembert's principle, generalized coordinates, the Lagrangian and canonical equations, Hamilton's principle, and the Hamilton-Jacobi differential equation to the solution of dynamical problems. Prerequisites: Mathematics 71, 72, 81.

Graduate Courses

- 101. Vector Analysis.** Winter. M. W. F. Three hours credit. Marshall. (Not given this year.)
Fundamental operations of vector analysis.
- 102. Vector Analysis.** Spring. M. W. F. Three hours credit. Marshall. (Not given this year.)
Application of vector analysis to mechanics, electromagnetic theory, and other branches of mathematical physics.
- 105. Advanced Calculus.** Autumn. Daily, 10:30. Five hours credit. Marshall.
A review of the fundamental theory of the calculus presented with a view to precision of statement and accuracy of proof. Study of Taylor's Series, partial differentiation, complex numbers, vectors, etc. Prerequisite: Mathematics 72.
- 106. Advanced Calculus.** Winter. Daily, 10:30. Five hours credit. Marshall.
Theory of differential equations, study of simple integrals, multiple integrals, and infinite integrals.
- 107. Advanced Calculus.** Spring. Daily, 10:30. Five hours credit. Marshall.
Study of some classes of functions defined by integrals; introduction to calculus of variations, and theory of functions.
Courses 105, 106, and 107 will follow an outline somewhat as given in Wood's "Advanced Calculus."
- 171. Differential Equations.** Autumn. M. W. F., 9:30. Three hours credit. Marshall.
- 172. Differential Equations.** Autumn. M. W. F., 9:30. Three hours credit. Marshall.
- 182. Dynamics.** Winter. Daily, 10:30. Five hours credit. Eyring.
- 192. Readings in Mathematics.** Credit, one to three hours, depending on the work done. Marshall.
- 200. Thesis in Mathematics.** Credit to be arranged.

MECHANIC ARTS

*Assistant Professor Snell; Professors Hansen, Eastmond, Larsen;
Mr. Bigelow.*

For mechanic arts teachers, it is advised that both major and minor be taken in this department.

Credit in shop courses in Mechanics is given on the basis of three hours for nine hours application each week during the quarter.

MECHANICS

Lower Division Courses

1. **Art Metal Work.** Winter. M. W. F. Two hours credit. Eastmond and Larsen. (See Art 35.)
2. **Art Leather Work.** Spring. M. W. F. Two hours credit. Eastmond and Larsen. (See Art 36.)

4. **Shop Practice.** Autumn. Daily 1:30-3:30. Three hours credit. Snell.

The making of projects suitable for junior and senior high school instruction in sheet metal, cold iron, and electrical lighting circuits, buzzers, bells, heating elements, etc.

5. **Ornamental Iron Work.** Autumn. T. Th., 1:30-3:30 or 3:30-5:30. Two hours credit. Snell.

Craftsmanship in wrought iron work. Designing, cutting, sawing, bending, drilling, tapping, threading, finishing, etc. Lectures and outside preparation.

7. **Tool Technique.** Autumn, Winter, Spring. M. W. F., 1:30-3:30 or 3:30-5:30. Two hours credit. Snell.

Required of all prospective teachers. Sharpening, care and use of woodworking hand tools, applied in fundamental principles of sawing, joining, fitting, fastening, etc.

11. **Elementary Auto Mechanics.** Autumn. Daily, 9:30-11:30, 1:30-3:30. Two or three hours credit. Bigelow.

Construction of the automobile and an elementary

study of the principles involved. Lubrication, assembling and repairing of brakes, rear axels, transmission systems and engines. Drafting recommended as parallel course. Lectures and demonstrations twice a week.

- 12. Elementary Auto Mechanics.** Winter. Daily, 9:30-11:30, 1:30-3:30. Two or three hours credit. Bigelow.

Construction and adjustment of carburetors and ignition system.

- 13. Elementary Auto Mechanics.** Spring. Daily, 9:30-11:30, 1:30-3:30. Two or three hours credit. Bigelow.

Ignition, timing, "trouble shooting," battery work and starting and lighting systems.

- 17. Wood Turning.** Autumn, Winter, Spring. M. T. W. Th., 1:30-3:30 or 3:30-5:30. Two or three hours credit. Snell.

Exercises and projects in wood turning executed through individual designs.

- 18. Pattern Making.** Autumn, Winter, Spring. M. T. W. Th., 1:30-3:30 or 3:30-5:30. Two or three hours credit. Snell.

The principles of pattern making are taught through the making of simple patterns for machine parts.

- 19. Wood and Metal Finishing.** Autumn, Winter, Spring. M. T. W. Th., 1:30-3:30 or 3:30-5:30. Two hours credit. Snell.

Preparation of surfaces for the application of finishes. Staining, painting, varnishing, lacquering, polishing, etc. Use of the brush and air gun.

- 21. Upholstering and Seat Weaving.** Autumn, Winter, Spring. M. T. W. Th., 1:30-3:30 or 3:30-5:30. Two or three hours credit. Snell.

Typical forms of upholstery, including foundations with and without springs. Seat and panel weaving with cane and fiber.

- 23. Cement.** Spring. M. T. W. Th., 3:30-5:30. Three hours credit. Snell.

Cement, mixes, tests, forming, finishing, etc., in structural and ornamental projects.

- 27. Cabinet Construction.** Autumn. M. T. W. Th., 1:30-3:30, 3:30-5:30. Two or three hours credit. Snell.

This course is designed to teach the principles of cabinet construction. After the problem is chosen, drawings are submitted and the article is made to conform to these. Training is given in the use of modern wood-working machinery. Woods commonly used in cabinet work are studied as to their adaptability and finishing qualities; veneering, inlaying and polishing. Credit given on the basis of three hours credit for nine hours application each week. Prerequisite: Drawing 13.

- 28. Cabinet Construction.** Winter. M. T. W. Th. Snell. Continuation of 27.

- 29. Cabinet Construction.** Spring. M. W. F., 1:30-3:30. Snell.

Continuation of 28.

Upper Division Courses

- 51. Ignition.** Autumn. Daily, 3:30-5:30. Two or three hours credit. Bigelow.

Battery, vibrator, and magneto ignition. Study and practice of the principles involved in testing for troubles and making adjustments.

- 52. Generators and Starting Motors.** Winter. Bigelow. Hours and credit as in 51.

The working principles of the dynamo, and testing for shorts and open circuits. Reverse current cutouts, types of generator regulation as third brush

control systems. Testing and adjustments of the generator output.

- 53. Machine Work and Welding.** Spring. Bigelow. Hours and credit the same as in 51.

Drill-press, lathe, and planer work. Principles of cutting tools, forging and tool sharpening. The use of the torch in cutting and welding.

- 57. Standard Construction Methods.** Autumn. M. W. F., 8:30. Three hours credit. Snell.

This course deals with the theoretical side of building. Location, soil conditions, footings, materials, equipment, etc.

- 58. Carpentry.** Autumn, Winter, Spring. M. T. W. Th., 3:30-5:30. Three hours credit. Snell.

Thorough drill in saw filling. Tool practice applied in practical problems. Fitting and hanging doors and windows, building in cabinets, stair construction and framing. Prerequisite: Course 7, and Drawing 13.

- 59. Estimating.** Spring. M. W. F., 8:30. Three hours credit. Snell.

Interpretation of plans and specifications. Methods of estimating and figuring costs of material and labor for excavations, foundations, cement work, heating, plumbing, painting, etc. Permits, contracts, liens. Prerequisite: Drawing 13.

- 64. Mill Work — Woodworking Machinery.** Autumn, Winter, Spring. M. T. W. Th., 1:30-3:30 or 3:30-5:30. Two or three hours credit. Credit will be given on the quality and quantity of work accomplished on the basis of nine hours application each week for three hours credit. Snell.

Work will be handled as nearly as possible as in actual practice. Estimates and working drawings will be made and a careful check of material and labor kept and computed for each job.

65, 66, 67. Shop Work. Autumn, Winter, Spring. Two or three hours credit. M. T. W. Th., 1:30-3:30 or 3:30-5:30. Snell.

Under the supervision of the instructor, students may do advanced work, consisting of the erection of buildings, cabinet work, upholstery, pattern work, or novelty work. Complete plans and specifications must be submitted and accepted before work is begun. Prerequisites: courses 57, 58, 59, or their equivalents.

DRAWING

While courses are listed according to quarters, any course may be taken any quarter, provided prerequisites have been met.

Lower Division Courses

1. Theory and Practice of Design. Autumn. M. W. F., 1:30. Two hours credit. Eastmond and Larsen. (See Art 21.)

2. Elements of Drawing. Autumn, Winter, Spring. Daily, 9:30 or 10:30. Two hours credit. Snell.

This course is designed to give some facility in lettering, drawing of simple working drawings, charts, graphs, making sketches and reading drawings. (See Accounting and Business Administration 10.)

3. Free-hand Lettering. Autumn, Winter, Spring. Daily, 9:30 or 10:30. Two hours credit. Snell.

Practice in lettering as applied in architectural and engineering office work.

4. Engineering Drawing. Autumn, Winter, Spring. Daily, 9:30 or 10:30. Two or three hours credit. Snell.

The care and use of instruments, lettering, applied geometry, and orthographic projection.

5. Engineering Drawing. Autumn, Winter, Spring. Daily, 9:30 or 10:30. Two or three hours credit. Snell.

Pictorial representation, developed surfaces, intersections, and working drawings. Prerequisite: Drawing 4 or equivalent.

- 6. Descriptive Geometry.** Autumn, Winter or Spring. Daily, 9:30 or 10:30. Two or three hours credit. Snell.

This course includes a study of the principles relating to the point, line plane, cylinder, cone and double-curved surfaces of revolution, with application to practical problems. Prerequisites: Drawing 4 and 5.

- 8. Elementary Machine Design.** Autumn. Daily, 9:30 or 10:30. Two hours credit. Snell.

Drawing of machine fastenings, such as bolts, screws, rivets, keys, etc. Dimensionings, working drawings and technical sketching. Detail and blue-Prints. Prerequisites: Drawing 4, 5, 6.

- 9. Elementary Machine Design.** Winter. Daily, 9:30 or 10:30. Two hours credit.

Continuation of 8.

- 10. Shades and Shadows.** Autumn, Winter or Spring. Daily, 9:30 or 10:30. Two hours credit. Snell.

Planned to give fundamental knowledge necessary for casting shadows in architectural design.

- 11. Instrumental Perspective.** Autumn, Winter, or Spring. Daily, 9:30 or 10:30. Two hours credit. Snell.

The theory and application of methods of drawing architectural perspectives. Prerequisites: Drawing 4, 5 and 6, or equivalent.

- 12. Rendering.** Autumn, Winter or Spring. Daily, 9:30 or 10:30. Two hours credit. Snell.

Wash rendering practice plates and rendering of architectural elements.

- 13. Architectural Drawing.** Autumn, Winter, Spring. Daily, 9:30 or 10:30. Two hours credit. Snell.

Drawing of plans, elevations, and details of different types of buildings. Tracing and blue-printing. Prerequisites: Drawing 4, 5 and 6, or equivalent.

- 14. Architectural Drawing.** Winter. Daily, 9:30 or 10:30. Two hours credit.

Continuation of 13.

- 15. Architectural Drawing.** Spring. Daily, 9:30 or 10:30. Two hours credit.

Continuation of 14.

- 16, 17, 18. Architectural Design.** Autumn, Winter, Spring. Daily, 9:30 or 10:30. Extra laboratory period arranged any afternoon. Two or three hours credit each quarter. Snell.

A series of order problems involving the study of the principles of composition. Problems similar to Class B Analytiques of the Beaux-Arts Institute of Design will be followed. Prerequisites: Drawing 6, 10, 11, 12.

- 19. Topographical Drawing.** Autumn, Spring. Daily, 9:30 or 10:30. Two hours credit. Snell.

Practical elementary work in topographical drawing. Mapping and plotting from field notes. Prerequisites: Drawing 4, 5 and 6.

Upper Division Courses

- 51, 52, 53. Architectural Design.** Autumn, Winter, Spring. Daily, 9:30-10:30. Extra laboratory periods arranged any afternoon. Three hours credit each quarter. Snell.

Designing, rendering, detailing, tracing, and blue-printing. A complete set of plans with one display drawing each quarter. Prerequisites: Drawing 16, 17 and 18.

ENGINEERING

Drawing 4, 5, 6, 7, and Mechanics 7, 18, 51, 52, 53, 57, 59 are required of all pre-engineering students.

Lower Division Courses

1. **Elementary Surveying.** Autumn, Spring. M. W. F., 3:30. Two hours credit. _____.

Methods of using the compass, tape, level and transit in making plain surveys are explained by lectures and field exercises. Drawings necessary to interpret and plot surveying field notes are made. Prerequisites: Trigonometry and Drawing 4, 5, 6, 7.

Upper Division Courses

63. **Irrigation and Drainage.** Autumn. M. W. F., 1:30. Three hours credit. Coffman. (See Geology 63.)
91. **Economic Geology—Non-Metals.** Winter. M. W. F., 10:30. Three hours credit. Hansen. (See Geology 91.)
92. **Economic Geology — Metals.** Winter. M. W. F., 10:30. Three hours credit. Hansen. (See Geology 92.)
94. **Plane Table Surveying.** Spring. M. W. F., 3:30. Two hours credit. Hansen and Snell. (See Geology 94 and Drawing 19.)

MODERN AND CLASSICAL LANGUAGES

Professors Cummings, de Jong; Associate Professor Sperry; Miss Black, Mr. Whetten.

Students who major in a modern language are required to furnish in addition to courses 1, 2, 3 or their equivalent in high school credit, 58, 59, 60, 61, 62, 63, 65, series 71-73, or series 81-83, 91, and Phonetics 42.

GERMAN

Lower Division Courses

1, 2, 3. Elementary German. Autumn, Winter, Spring. Daily, 9:30. Five hours credit. De Jong.

The first course of this series is intended for those who have had no German. Pronunciation, reading and the fundamentals of grammar. Special emphasis is laid on the building up of a substantial reading vocabulary.

11, 12, 13. Elementary German. Autumn, Winter, Spring. Daily, 9:30. Five hours credit. De Jong.

The first course of this series is designed for those who have had no German. The series is intended for those who have the desire and ability to make more than ordinary progress in German. Training in the ability to read. Drill in understanding spoken German and in speaking German. The series should be taken by German majors.

Upper Division Courses

54, 55, 56. Advanced German. Autumn, Winter, Spring. M. W. F., 8:30. Three hours credit each quarter. De Jong.

Prerequisite: German 3 or fifteen hours of German, or two units of German in high school. Comprehensive study of grammar. Conversation and composition based on reading. Reading from the

general field, including drama, fiction, magazine articles, newspapers, etc.

58, 59, 60. Advanced German. Autumn, Winter, Spring. M. W. F., 8:30. Three hours credit. De Jong.

Prerequisites: German 11, 12, 13 or their equivalent. Designed for those who desire to advance rapidly in the language and especially for German majors. The various language skills are further developed; viz., reading, understanding, speaking and writing, with special attention to grammar. Courses 58, 59, 60 lay a solid foundation for courses above 60.

61, 62, 63. German Composition and Conversation. Autumn, Winter, Spring. T. Th., 8:30. Two hours credit each quarter. De Jong.

Prerequisite: twenty-four hours of German or the consent of the instructor.

65. Methods of Teaching Modern Languages. Autumn. T. Th. Time to be arranged. Two hours credit. Cummings. (See Secondary Education 65.)

Designed for language majors in their senior year and should follow work in principles of education and general methods.

71, 72, 73. Survey of German Literature. Autumn, Winter, Spring. T. Th., 3:30. Two hours credit each quarter. De Jong.

Prerequisite: twenty-four hours of German. A general survey of German literature from the beginnings to the present.

81, 82, 83. Modern German Literature. Autumn, Winter, Spring. T. Th. Two hours credit each quarter. De Jong. (Not given this year.)

Prerequisite: twenty-four hours of German. Reading in the fields of fiction, plays, poetry.

91. Contemporary German Civilization. Autumn. W., 4:30-6:20. Two hours credit. De Jong.

Open to all students. The life, customs, sciences,

art, etc., of present-day Germany. Lectures given in English. Outside reading may be done in English or German.

Graduate Courses

At least 40 hours of undergraduate German are prerequisite to graduate credit in any graduate course to be applied toward a master's degree in German.

121, 122, 123. German Novel from 1800 to the Present. Two hours credit each quarter. De Jong. (Not given this year.)

131, 132, 133. German Drama from 1800 to the Present. Two hours credit each quarter. De Jong. (Not given this year.)

141. Lessing. Autumn. Time to be arranged. Two hours credit. De Jong.

142. Schiller. Winter. Time to be arranged. Two hours credit. De Jong.

143. Goethe. Spring. Time to be arranged. Two hours credit. De Jong.

161, 162, 163. Advanced German Composition and Conversation. Autumn, Winter and Spring. Time to be arranged. Two hours credit each quarter. De Jong.

165. Methods of Teaching Modern Languages. Autumn. T. Th. Time to be arranged. Two hours credit. Cummings.

171, 172, 173. German Literature of the Eighteenth, Nineteenth, and Twentieth Centuries Respectively. Time to be arranged. Two hours credit each quarter. De Jong. (Not given this year.)

200. Research for Master's Thesis.

FRENCH

Lower Division Courses

- 1, 2, 3. Elementary French.** Autumn, Winter, Spring. Daily, 2:30. Five hours credit each quarter. Cummings.

The first course of this series is designed for those who have had no French. Pronunciation, reading and the fundamentals of grammar. Special emphasis is laid on the building of a substantial reading vocabulary.

- 11, 12, 13. Elementary French.** Autumn, Winter, Spring. Daily, 2:30. Five hours credit each quarter. Cummings.

The first course of this series is designed for those who have had no French. The series is intended for those who have the desire and the ability to make more than ordinary progress in French. Training in the ability to read. Drill in understanding spoken French and speaking French. The series should be taken by French majors.

Upper Division Courses

- 54, 55, 56. Advanced French.** Autumn, Winter, Spring. M. W. F., 1:30. Three hours credit. Cummings.

Prerequisite: French 3, or fifteen hours of French or two units of French in high school. Comprehensive study of grammar. Conversation and composition based on reading. Reading from the general field, including drama, fiction, magazine articles, newspapers, etc.

- 58, 59, 60. Advanced French.** Autumn, Winter, Spring. M. W. F., 3:30. Three hours credit. Cummings.

Prerequisites: French 11, 12, 13 or their equivalent. Designed for those who desire to advance rapidly in the language and especially for French majors. The various language skills are further developed; viz., reading, understanding, speaking and writing, with special attention to grammar. Courses 58, 59, 60 lay a solid foundation for courses above 60.

61, 62, 63. French Composition and Conversation. Autumn, Winter, Spring. T. Th. Two hours credit each quarter. Cummings. (Not given this year.)

Prerequisite: twenty-four hours of French or the consent of the instructor.

65. Methods of Teaching Modern Languages. Autumn. T. Th. Time to be arranged. Two hours credit. Cummings. (See Secondary Education 65.)

71, 72, 73. Survey of French Literature. Autumn, Winter, Spring. T. Th. Two hours credit each quarter. Cummings.

Prerequisite: twenty-four hours of French. A general survey of French literature from the beginnings to the present.

81, 82, 83. Modern French Literature. Autumn, Winter, Spring. T. Th. Two hours credit each quarter. Cummings. (Not given this year.)

Prerequisite: twenty-four hours of French. Reading in the fields of fiction, plays, poetry.

91. Contemporary French Civilization. Winter. W., 4:30-6:20. Two hours credit. Cummings.

Open to all students. The life, customs, sciences, art, etc., of present-day France. Lectures given in English. Outside reading may be done in English or French.

Graduate Courses

At least 40 hours of undergraduate French are prerequisite to graduate credit in any graduate course to be applied towards a master's degree in French.

121, 122, 123. French Novel from 1800 to the Present. Autumn, Winter Spring. Time to be arranged. Two hours credit each quarter. Cummings. (Not given this year.)

- 131, 132, 133. French Drama from 1800 to the Present.** Autumn, Winter, Spring. Time to be arranged. Two hours credit each quarter. Cummings. (Not given this year.)
- 141. Corneille.** Autumn. Time to be arranged. Two hours credit. Cummings.
- 142. Racine.** Winter. Time to be arranged. Two hours credit. Cummings.
- 143. Moliere.** Spring. Time to be arranged. Two hours credit. Cummings.
- 161, 162, 163. Advanced French Composition and Conversation.** Autumn, Winter, Spring. Time to be arranged. Two hours credit each quarter. Cummings. (Not given this year.)
- 165. Methods of Teaching Modern Languages.** Autumn. T. Th. Time to be arranged. Two hours credit. Cummings.
- 171, 172, 173. French Literature of the Seventeenth, Eighteenth, and Nineteenth Centuries.** Autumn, Winter, Spring. Time to be arranged. Two hours credit each quarter. Cummings.
- 200. Research for Master's Thesis.**

SPANISH

Lower Division Courses

- 1, 2, 3. Elementary Spanish.** Autumn, Winter, Spring. Daily, 8:30. Five hours credit each quarter. Whetten.
- The first course of this series is designed for those who have had no Spanish. Pronunciation, reading, and the fundamentals of grammar. Special emphasis on the building of a substantial reading vocabulary.

Upper Division Courses

- 54, 55, 56. **Advanced Spanish.** Autumn, Winter, Spring. M. W. F., 9:30. Three hours credit each quarter. Whetten.

Prerequisite: Spanish 3, or fifteen hours of Spanish or two units of Spanish in high school. Comprehensive study of grammar. Conversation and composition based on reading. Reading from the general field, including drama, fiction, magazine articles, newspapers, etc.

- 61, 62, 63. **Spanish Composition and Conversation.** Autumn, Winter, Spring. T. Th. Two hours credit each quarter. Cummings. (Not given this year.)

Prerequisite: twenty-four hours of Spanish.

65. **Methods of Teaching Modern Languages.** Autumn. T. Th. Time to be arranged. Two hours credit. Cummings. (See Secondary Education 65.)

Designed for language majors in their senior year and should follow work in principles of education and general methods.

- 71, 72, 73. **Survey of Spanish Literature.** Autumn, Winter, Spring. T. Th. Two hours credit each quarter. Cummings. (Not given this year.)

Prerequisite: twenty-four hours of Spanish. A general survey of Spanish literature from the beginnings to the present.

- 81, 82, 83. **Modern Spanish Literature.** Autumn, Winter, Spring. T. Th. Two hours credit each quarter. Cummings. (Not given this year.)

Prerequisite: twenty-four hours of Spanish. Reading in the fields of fiction, plays, poetry.

ITALIAN

Lower Division Courses

- 1, 2, 3. **Elementary Italian.** Autumn, Winter, Spring. T. Th. Two hours credit each quarter. Cummings.

Introduction to the elements of grammar. Special attention to accurate pronunciation for the benefit especially of students of vocal music. Easy reading.

LATIN

Lower Division Courses

- 1, 2, 3. **Elementary Latin.** Autumn, Winter, Spring. Daily, 9:30. Five hours credit. Black. (Not given this year.)

The first course in this series is designed for those who have had no Latin. Mastery of pronunciation, declensions and conjugations. Correlation of Latin originals with English derivatives. Graded reading. Attention is given to the characteristics of Roman civilization.

Upper Division Courses

- 54, 55, 56. **Advanced Latin.** Autumn, Winter Spring. Daily, 9:30. Five hours credit. Black.

Prerequisite: Latin 3 or two units of Latin in high school. Comprehensive study of grammar. Composition. Reading from the classics.

HEBREW

Lower Division Courses

- 1, 2, 3. **Elementary Hebrew.** Autumn, Winter, Spring. T. Th., 9:30, and another hour to be arranged. Three hours credit each quarter. Sperry.

A beginning course. Pronunciation, fundamentals of grammar, and drill in graded reading.

PHONETICS

Lower Division Course

42. **Practical Phonetics.** Winter, 1:30. Two hours credit. De Jong.

The elementary principles of speech mechanics in their relation to correct diction. This course correlates with courses in the Modern Languages, Speech, and Vocal Music.

MUSIC

Professors Jepperson-Madsen, Robertson, Madsen, de Jong; Associate Professor Sauer; Assistant Professor Hanson; Miss Summerhays, Mr. Nelson, Mr. Fitzroy, Mrs. Packard, Mr. Buggert.

Those who major in the Department of Music must complete the following courses: Theory of Music 11, 12, 13; 21, 22, 23; 31; 61; 81; Piano, 3 hours; Vocal Culture, 3 hours; and Vocal or Instrumental Ensemble, 6 hours. Those preparing to teach should also take Theory of Music 41 and 91. These requirements are subject to change where conditions warrant individual consideration.

The work presented by those who minor in the Department of Music should include the following courses: Theory of Music 11, 12, 13; 21; 22; 31; 41.

Private courses are indicated by -p. In the instrumental division, the letter immediately following the number indicates the instrument; e. g., 7 p-p means course 7, private piano; 3 t-p means course 3, private trombone, etc.

THEORY OF MUSIC

Lower Division Courses

11. Grammar of Music. Autumn. T. Th. Two hours credit. Madsen.

12, 13. Solfeggio. Winter, Spring. T. Th. Two hours credit each quarter. Madsen.

The study of intervals, diction, and sight-singing.

21, 22, 23. Harmony. Autumn, Winter, Spring. M. W. F. Three hours credit each quarter. Robertson.

Intervals; primary and secondary triads; dominant seventh and ninth chords, diminished seventh chords; open harmony.

31, 32, 33. Philosophy and Appreciation of Music. Autumn, Winter, Spring. T. Th. Two hours credit each quarter. Madsen.

The important philosophies of music and musicians; the philosophy of the elements of music, musical structure, musical compositions, musical values.

- 41. Public School Methods.** Autumn or Spring. M. W. F. Three hours credit. Hanson.

Special technique of instruction and material for the grades; class demonstrations and supervised teaching. Prerequisite: Theory of Music 11.

Upper Division Courses

- 61, 62, 63. Solfeggio.** Autumn, Winter, Spring. T. Th. Two hours credit each quarter. Madsen.

Prerequisite: Theory of Music 11, 12, and 13. Training in advanced sight singing.

- 71, 72. Harmony.** Autumn, Winter. M. W. F. Three hours credit each quarter. Robertson.

Prerequisite: Theory of Music 21, 22, 23. Modulation; secondary seventh and altered chords; non-harmonic tones; modern harmony.

- 73. Form and Analysis.** Spring. M. W. F. Three hours credit. Robertson.

Prerequisite: Theory of Music 72, or the equivalent. Study of musical form, from the section to the sonata; harmonic analysis.

- 81, 82, 83. History.** Autumn, Winter, Spring. M. W. F. Three hours credit each quarter. Madsen.

Alien musical systems, ancient and modern. Origin of musical instruments. Medieval and modern music.

- 91. High School Methods.** Winter. T. Th. Two hours credit. Hanson.

Special technique of instruction and materials for the junior and senior high schools. This course should precede or accompany Secondary Education 54. (See Secondary Education 64.)

- 92, 93. Counterpoint.** Autumn, Winter. T. Th. Two hours credit each quarter. Madsen.

An elementary course in counterpoint.

- 94. Composition.** Spring. T. Th. Two hours credit. Madsen.

An elementary course in composition in the smaller forms. Prerequisites: Theory of Music 73, 92, 93.

- 95. Instrumentation.** Winter. T. Th. Two hours credit. Sauer.

A practical course for high school teachers and supervisors in arranging for band and orchestra.

Graduate Courses

- 121, 122, 123. Counterpoint.** Autumn, Winter, Spring. Three hours credit each quarter. Madsen.

Prerequisites: Theory of Music 71, 72, 73. Strict and free counterpoint in the various species.

- 124, 125, 126. Canon and Fugue.** Autumn, Winter, Spring. Three hours credit each quarter. Madsen.

Prerequisites: Theory of Music 121, 122, 123.

- 127, 128, 129. Instrumentation.** Autumn, Winter, Spring. Three hours credit each quarter. Robertson.

Prerequisite: Theory of Music 23. Study of orchestra instruments; arranging in solo, duet, trio, and quartet form; arranging for string and symphony orchestra.

- 171, 172, 173. Modal Counterpoint.** Autumn, Winter, Spring. Three hours credit each quarter. Robertson.

Prerequisite: Theory of Music 23. The contrapuntal system of Palestrina, Des Pres, and Lasso.

- 181, 182, 183. Composition.** Autumn, Winter, Spring. Three hours credit each quarter. Madsen.

Prerequisite: Theory of Music 73, and at least one quarter of 121 or 171.

- 200. Research.**

INSTRUMENTAL MUSIC

Lower Division Courses

- 1, 2, 3; 4, 5, 6. Band.** Autumn, Winter, Spring. Daily. One hour credit each quarter. Sauer.
Admission by consent of director.
- 7, 8, 9; 10, 11, 12. Orchestra.** Autumn, Winter, Spring. Daily. One hour credit each quarter. Robertson.
Admission by consent of director.
- 13, 14, 15; 16, 17, 18. String Ensemble.** Autumn, Winter, Spring. M. W. F. One hour credit each quarter. Robertson.
- 19, 20, 21; 22, 23, 24. Band Ensemble.** Autumn, Winter, Spring. Three times each week. One hour credit each quarter. Sauer.
- 1, 2, 3; 4, 5, 6p-p. Piano.** Autumn, Winter, and Spring. One hour credit each quarter. Nelson, Hanson, Fitzroy.
- 7, 8, 9p-p. Piano Ensemble.** Autumn, Winter, Spring. One hour credit each quarter. Nelson.
The fundamentals of ensemble playing. Four, six, and eight hand arrangements.
- 10p-p. Piano Pedagogy.** Any quarter. One hour credit. Nelson, Hanson, Fitzroy.
Methods and problems of piano teaching in the elementary grades.
- 1, 2, 3; 4, 5, 6v-p. Violin.** Autumn, Winter, Spring. One hour credit each quarter. Robertson.
- 1, 2, 3; 4, 5, 6c-p. Cornet.** Autumn, Winter, Spring. One hour credit each quarter. Sauer.
- 1, 2, 3b-p. Baritone.** Autumn, Winter, Spring. One hour credit each quarter. Sauer.
- 11, 12, 13b-p. Bassoon.** Autumn, Winter, Spring. One hour credit each quarter. Sauer.

- 21, 22, 23b-p. Bass (Tuba).** Autumn, Winter, Spring. One hour credit each quarter. Sauer.
- 11, 12, 13; 14, 15, 16c-p. Clarinet.** Autumn, Winter, Spring. One hour credit each quarter. Sauer, Madsen.
- 1, 2, 3d-p. Drums and Tympani.** Autumn, Winter, Spring. One hours credit each quarter. Sauer.
- 1, 2, 3f-p. Flute.** Autumn, Winter, Spring. One hour credit each quarter. Nelson.
- 11, 12, 13f-p. French Horn.** Autumn, Winter, Spring. One hour credit each quarter. Sauer.
- 1, 2, 3o-p. Oboe.** Autumn, Winter, Spring. One hour credit each quarter. Sauer.
- 11, 12, 13o-p. Organ.** Autumn, Winter, Spring. One hour credit each quarter. De Jong.
- 1, 2, 3; 4, 5, 6s-p. Saxophone.** Autumn, Winter, Spring. One hour credit each quarter. Sauer.
- 11, 12, 13s-p. String Bass.** Autumn, Winter, Spring. One hour credit each quarter. Sauer.
- 1, 2, 3; 4, 5, 6t-p. Trombone.** Autumn, Winter, Spring. One hour credit each quarter. Sauer.
- 11, 12, 13v-p. Viola.** Autumn, Winter, Spring. One hour credit each quarter. Robertson.
- 21, 22, 23; 24, 25, 26v-p. Violoncello.** Autumn, Winter, Spring. One hour credit each quarter. Buggert.

Upper Division Courses

- 51, 52, 53; 54, 55, 56. Concert Band.** Autumn, Winter, Spring. Daily. One hour credit each quarter. Sauer.
Admission by consent of the director. Standard overtures, operatic selections, and miscellaneous military band music.

57, 58, 59; 60, 61, 62. Symphony Orchestra. Autumn, Winter, Spring. Daily. One hour credit each quarter. Robertson.

Admission by consent of director. Study of selections, overtures, symphonies, and accompaniments.

51, 52, 53; 54, 55, 56p-p. Piano. Autumn, Winter, Spring. One hour credit each quarter. Nelson, Hanson, Fitzroy.

63, 64, 65; 66, 67, 68. String Ensemble. Autumn, Winter, Spring. Three times each week. One hour credit each quarter. Robertson.

69, 70, 71; 72, 73, 74. Band Ensemble. Autumn, Winter, Spring. M. W. F. One hour credit each quarter. Sauer.

51, 52, 53; 54, 55, 56v-p. Violin. Autumn, Winter, Spring. One hour credit each quarter. Robertson.

51, 52, 53; 54, 55, 56c-p. Cornet. Autumn, Winter, Spring. One hour credit each quarter. Sauer.

61, 62, 63; 64, 65, 66c-p. Clarinet. Autumn, Winter, Spring. One hour credit each quarter. Sauer, Madson.

61, 62, 63; 64, 65, 66o-p. Organ. Autumn, Winter, Spring. De Jong.

63p-p. Piano Pedagogy. Spring. One hour credit. Nelson.

Prerequisite: 10p-p. Methods and problems of piano teaching in the higher grades.

51, 52, 53t-p. Trombone. Autumn, Winter, Spring. One hour credit each quarter. Sauer.

71, 72, 73; 74, 75, 76v-p. Violoncello. Autumn, Winter, Spring. One hour credit each quarter. Buggert.

Graduate Courses

- 101, 102, 103-p. Instrumental.** Autumn, Winter, Spring. One hour credit each quarter.

Advanced instruction on any of the standard instruments.

VOCAL MUSIC

Lower Division Courses

- 1, 2, 3; 4, 5, 6-p. Vocal Culture.** Private or in groups. Autumn, Winter, Spring. One hour credit each quarter. Jepperson-Madsen, Madsen, Summerhays, Packard.

- 13, 14, 15; 16, 17, 18. Ladies Glee Club.** Autumn, Winter, Spring. One hour credit each quarter. Jepperson-Madsen.

Open to inexperienced singers. This course also provides participation in mixed chorus.

- 13, 14, 15; 16, 17, 18. Male Glee Club.** Autumn, Winter, Spring. One hour credit each quarter. Madsen.

Open to inexperienced singers. This course also provides participation in mixed chorus.

- 19, 20, 21. Mixed Chorus.** Autumn, Winter, Spring. One hour credit each quarter. Madsen.

- 42. Phonetics.** Winter. T. Th., 1:30. Two hours credit. De Jong.

(See Phonetics 42 in Department of Modern and Classical Languages.)

Upper Division Courses

- 51, 52, 53; 54, 55, 56-p. Vocal Culture.** Autumn, Winter, Spring. One hour credit each quarter. Jepperson-Madsen, Madsen, Summerhays, Packard.

- 63, 64, 65; 66, 67, 68. Ladies Glee Club.** Autumn, Winter, Spring. One hour credit each quarter. Jepperson-Madsen.

Admission by consent of director. Participation in Mixed Chorus work is also provided in this course.

63, 64, 65; 66, 67, 68. Male Glee Club. Autumn, Winter, Spring. One hour credit each quarter. Madsen.

Admission by consent of director. Participation in Mixed Chorus work is also provided in this course.

Graduate Courses

111, 112, 113-p. Vocal Culture. Autumn, Winter, Spring. One hour credit each quarter.

OFFICE PRACTICE

Professor Holt; Mrs. Roberts, Mrs. Lloyd, Miss Strickler.

Lower Division Courses

11, 12, 13. Shorthand. Autumn, Winter, Spring. Daily, 8:30; 9:30. Four hours credit each quarter. Strickler.

Principles of shorthand writing according to the Gregg system.

14, 15, 16. Advanced Shorthand. Autumn, Winter, Spring. M. W. F., 10:30. Three hours credit each quarter. Strickler.

Dictation work. Special attention will be given to reporting forms, and to the development of skillful writers. Advanced dictation, correlated with secretarial work.

21, 22, 23. Typewriting. Autumn, Winter, Spring. Six hours a week. Two hours credit each quarter. See instructors for time. Lloyd.

Touch typewriting, according to standard methods.

24. Typewriting. Autumn, Winter, Spring. Daily. Two hours credit. (Elect one quarter only.) Lloyd.

31. Business English. Autumn, Winter, Spring. M. W. F., 9:30. Three hours credit. Holt.

The substance and style of business English; clearness in sentences; correctness of diction; force in sentence structure, and diction. Business forms and usages.

PHYSICAL EDUCATION

Professor Romney, Dr. Cullimore, Dr. Oaks, Dr. Merrill, Assistant Professors Hart, Jeppson; Mr. Dixon, Miss Coleman.

The purpose of the department is primarily to conserve the health and vitality of the students, to establish correct motor habits and to educate for wholesome and efficient living. To offset the undesirable effects of sedentary school life, vigorous activity in the form of games, gymnastics and competitive athletics are offered. Instruction is given in personal hygiene in connection with the exercise period so that the students may have a theoretical basis as a guide to correct living.

A thorough physical and medical examination will be given each new student upon entering the institution. All freshmen are required to take one credit hour of physical education of the physical activity variety in each of the three quarters.

All students are required to take Physical Education 1 sometime during their freshmen year.

Upper classmen who are not taking physical education for credit are urged to engage in some form of physical exercise. Abundant opportunity is offered for participation in games, sports, hikes, gymnastics, athletics, and dancing.

All students whether enrolled in regular classes in physical education or on regular athletic squads are invited and urged to use the physical training and athletic facilities of the institution whenever they are available.

Students interested in intercollegiate athletic competition in any form will be given opportunity to try out for the athletic teams representing the University and in case they display sufficient ability to be chosen as members of these teams, they may substitute this work for the required courses in physical education.

The department also offers professional courses which are designed to prepare teachers in physical education, directors of athletics, supervisors of dancing and leaders in play and other forms of social and recreational activities.

Students interested in play and recreation are referred to

the following courses: Physical Education 7, 8, 17, 18, 19, 21, 22, 24, 25, 26, 31, 42, 54, 71, 72, 73, 74, 75, 76.

Students interested in health education work are referred to Physical Education 1 (Personal Hygiene); 91 (General Kinesiology); 95 (First Aid in Athletic Training); Zoology 58 (Health Education of Teachers); Zoology 65 (Human Physiology); Foods and Nutrition 5 (Elementary Nutrition); Foods and Nutrition 53, 54, 55 (Nutrition, Dietetics, and Nutrition in Disease).

Major and Minor Requirements in Physical Education

Both men and women students majoring or minoring in Physical Education are required to take the following foundational courses:

Chemistry 1 or 4, Zoology 11 and 65, Psychology 11 or 74, Botany (Bacteriology) 21, Sociology 11 or 61, Physics 11, Foods and Nutrition 5, Secondary Education 51, 52, 54.

In addition to the foregoing the following courses in the department of Physical Education are required:

In the Men's Department:

Major requirements:

Physical Education 7, 8, 9
Physical Education 51, 52, 53
Physical Education 71 or 72 or 73
Physical Education 90, 91, 92
Physical Education 93, 95, 96.

Minor requirements:

Physical Education 7, 8, 9
Physical Education 51 or 52 or 53
Physical Education 71 or 72 or 73
Physical Education 90, 91, 92, 93.

In the Women's Department:

Major requirements:

Physical Education 7, 8, 9

Physical Education 26, 31
Physical Education 54 or 55 or 56
Physical Education 61, 62 or 63, 65
Physical Education 71 or 72 or 73
Physical Education 81 or 82 or 83
Physical Education 90, 91, 92
Physical Education 93, 95, 96.

Minor requirements:

Physical Education 7, 8, 9
Physical Education 26, 31
Physical Education 54 or 55
Physical Education 61, 73, 81
Physical Education 90, 91, 93

Lower Division Courses

1. Personal Hygiene. Autumn, Winter or Spring. M. W., 1:30. One hour credit. Cullimore, Oaks, Merrill.

This course is required of all freshmen students. The course is designed to present in a popular manner problems concerning personal hygiene and proper health habits.

4, 5, 6. Elementary Physical Education. Autumn, Winter, Spring. M. W. F. One hour credit each quarter. Women's sections at 10:30, 2:30. Men's sections 9:30, 10:30, 3:30.

This course is designed for freshmen. It will include games, and a variety of athletic and gymnastic activities.

7, 8, 9. Advanced Physical Education. Autumn, Winter, Spring. One hour credit each term. For men and women. Men's section, M. W. F., 2:30—Hart. Women's section, T. Th., 4:30-6:00—Jeppson. Prerequisite: three hours credit in freshman Physical Education.

This course will embrace instruction in more advanced types of physical education activities includ-

ing gymnastics, apparatus activity, tumbling, pyramids, stunts, and marching tactics.

14. **Archery.** Autumn. M. W. F., 9:30. 1 hour credit. For men and women.

Emphasis will be placed on the following: equipment, technique, and methods.

15. **Tumbling, Pyramid Building, and Stunts.** Winter. M. W. F., 9:30. One hour credit. For women. Jeppson.

Emphasis will be placed on the selection and care of equipment, technique of tumbling, balancing, pyramiding and demonstration programs.

16. **Track and Field for Women.** Spring. M. W. F. One hour credit, 9:30. Jeppson.

17. **Boxing.** Autumn, Winter, Spring. M. W. F., 9:30 and 1:30. One hour credit.

This course will consist of the theory and practice of boxing.

18. **Wrestling.** Winter. M. W. F., 4:30. One hour credit.

This course will consist of the theory and practice of wrestling.

19. **Tennis.** Spring. M. W. F., 9:30. One hour credit. Dixon.

This course will consist of the theory and practice of tennis.

- 21, 22. **Development Activities for Elementary Teachers.** Winter, Spring. T. Th., 3:30. One hour credit each quarter. Jeppson. Especially designed for those preparing to teach in the elementary grades.

Emphasis will be given to Danish gymnastics, games, folk dancing, and rhythmical expressions.

23. Basketball for Women. Winter. M. W. F., 1:30.
A general course in basketball for women.
Jeppson.

24. Fencing. Spring. 4:30. Three periods each week.
One hour credit. Open to both men and women.

25. Social Dancing. Winter. W., 6:30 to 9:00 p. m. One
hour credit. Open to both men and women. Jeppson.

26, 27, 28. Elementary Clog and Tap Dancing. Autumn,
Winter, Spring. T. Th., 9:30. One hour credit. Jepp-
son.

Suggested for women majoring or minoring in
Physical Education.

31, 32, 33. Elementary Creative Dancing. Autumn, Win-
ter, Spring. T. Th., 2:30. One hour credit each quar-
ter. Coleman.

Suggested for women majoring or minoring in
Physical Education. This course will offer instruc-
tion in the fundamentals of grace and rhythm.

41. Rhythms, Character and National Dancing. Au-
tumn. T. Th., 3:30. One hour credit. Coleman.

Suggested for women majoring or minoring in
Physical Education.

Fundamental rhythms, various character and na-
tional dances.

42. Folk Dancing and Country Dances. Winter. T. Th.,
1:30. One hour credit. Jeppson, Coleman.

This course will offer instruction in the various
folk dances and country dances: Virginia Reel, Bos-
ton Fancy, etc.

Upper Division Courses

51. Athletic Coaching and Directing—Football. Au-
tumn. Four periods each week. 2:30. Three hours
credit. Romney.

This course is designed to prepare students for
the coaching of football. It will deal with the funda-

mentals of the game, methods of working out plays, systems of offense and defense, the conditioning of teams, etc.

- 52. Athletic Coaching and Directing — Basketball.** Winter. Four periods each week. 2:30. Three hours credit. Romney.

This course is designed to prepare for the coaching of basketball. Students will be thoroughly instructed in fundamentals, offensive and defensive systems, schedule making, and other details which contribute to the successful coaching of basketball.

- 53. Athletic Coaching and Directing—Track and Field.** Spring. Four periods a week. 2:30. Three hours credit. Romney.

This course will deal with the technique of track and field athletics and with the management of meets.

- 54. Athletic Coaching and Directing — Soccer, Field Hockey, and Archery.** Autumn. M. W. F. 4:30. Two hours credit. Jeppson. Two hours of Athletic Coaching and Directing.

This course is designed to prepare students for coaching. It will deal with fundamentals, methods of conducting tournaments, and officiating.

- 55. Athletic Coaching and Directing—Basketball, Volley Ball, Field Ball, Speedball.** Winter. M. W. F. Two hours credit. Jeppson. Two hours of Athletic Coaching and Directing.

This course is designed to prepare students for coaching these activities. It will deal with fundamentals, methods of conducting tournaments, and officiating.

- 56. Athletic Coaching and Directing—Track and Field, Baseball, Tennis.** Spring. M. W. F. Two hours credit. Jeppson. Two hours of Athletic Coaching and Directing.

This course is designed to prepare students for coaching these activities. It will deal with fundamentals, methods of conducting meets, games and tournaments, and officiating.

61, 62, 64. Advanced Creative Dancing. Autumn, Winter, Spring. T. Th. 8:30. One hour credit each quarter. Coleman.

This course will offer instruction in fundamental dance technique, music visualizing, and principles of composition.

63. Material Summary (Dancing). Winter. Th. 5:30. One hour credit. Jeppson and Coleman.

65. Problems of the Dance in Physical Education. Spring. T. Th. 5:30. Two hours credit. Coleman.

Public performance, including staging, lighting, costume design, etc.; appreciation of music in the dance; dance composition, themes, etc.; methods of teaching; history, etc.

71. Theory of Organized Play. Autumn. M. W. F., 8:30. Three hours credit. Jeppson.

The theory of organized play, including community centers, special activities, home recreation; play in institutions, social recreation such as planning recreation programs; play facilities such as layout of athletic fields, construction of buildings, swimming and wading pools, equipping the grounds and centers. Also a discussion of theories of individual and community life.

72. Organization and Administration of Play and Recreation. Winter. M. W. F., 8:30. Three hours credit. Jeppson.

A complete picture of the responsibilities of a superintendent of recreation and a discussion of the executive and administrative problems arising out of the conduct of a community-wide recreation program. Emphasis on park recreation problems, city government problems, problems of recreational fi-

nance, publicity problems, field and personnel problems, school recreation problems and surveys.

- 73. Play and Game Supervision.** Spring. M. W. F., 8:30. Three hours credit. Jeppson.

A continuation of course 72.

- 74, 75, 76. Recreational Leadership.** Autumn, Winter, Spring. T. Th., 11:30. Two hours credit. Jeppson.
(See Religious Education 74, 75, 76.)

- 77, 78, 79. Scoutcraft.** Autumn, Winter Spring. T. Th., 11:30. Two hours credit. (See Religious Education 77, 78, 79.)

- 81, 82, 83. Advanced Clog and Tap Dancing.** Autumn, Winter, Spring. T. Th., 10:30. One hour credit each term. Jeppson.

81 and 82 will include a study of the various phases of tap dancing, fundamental steps, routines in order of difficulty, buck, jig, waltz, soft shoe, etc. 83 will emphasize creative work by students.

- 90. Principles of Physical Education.** Winter. M. W. F., 8:30. Three hours credit. Hart. Prerequisites: Psychology 11 and Zoology 11 and 65.

This course deals with underlying principles of physical education. Much consideration is given to the four major levels of development in physical education.

- 91. General Kinesiology.** Autumn. M. W. F., 8:30. Three hours credit. Dixon. Prerequisites: Physical Education 7, 8, 9, Zoology 11 and 65 Psychology 11.

This course will take up the anatomy of the human body with emphasis upon the study of bones, joints, and the skeletal muscles. Careful examination of gymnastics and athletic exercises will be made with reference to their effect upon the function and structure of the body. A study of the physiology of exercise will also be made.

- 92. Methods of Teaching Physical Education.** Winter. T. Th., 8:30. Two hours credit. Hart. Prerequisites: Physical Education 90 and 91. (See Secondary Teaching 66.)

This course will deal with a study of the various systems of physical education, methods of gymnastic teaching, content of exercise periods, arrangement of exercises, methods of commanding and directing, etc. This course will be helpful to all teachers in elementary and high schools.

- 93. Physical Education Administration.** Spring. M. W. F., 1:30. Three hours credit. Jeppson.

This course will deal with the organization and administration of departments of physical education and athletics in high school and college and the proper balancing of various activities associated with these departments. This course is designed for physical directors, school principals, recreational directors, etc.

- 94. Introduction to Achievement Tests in Physical Education.** Winter. M. W. F., 10:30. Three hours credit. Hart. Suggested for students majoring or minoring in physical education.

This course reviews a history of the development of physical tests and gives a brief review of the outstanding tests in physical education. The essential procedures to be used in evaluating tests and their results, including statistical analysis, are discussed.

- 95. First Aid in Athletic Training.** Autumn. M. W. F., 10:30. Two hours credit. Hart. Prerequisites: Zoology 65 and Physical Education 91.

This course will consider the principles of first aid treatment of athletic injuries, massage, physiotherapy, bandaging and the essentials of conditioning athletes.

- 96. Adaptation of Activities in Corrective Procedure.** Spring. M. W. F., 10:30. Three hours credit. Open

to both men and women. Hart. Prerequisites: Psychology 11, Zoology 65, Physical Education 91.

This course deals with the variations of posture, the mechanics of balancing of the forces in the body, psychology of individual gymnastics, methods of stimulating interest in posture, and the selection and scope of corrective activities.

Graduate Courses

- 165. Problems in the Dance in Physical Education.** Spring. T. Th., 5:30. Coleman.
- 171. Theory of Organized Play.** Autumn. M. W. F., 8:30. Three hours credit. Jeppson.
- 172. Organization and Administration of Play and Recreation.** Winter. M. W. F., 8:30. Three hours credit. Jeppson.
- 173. Play and Game Supervision.** Spring. M. W. F., 8:30. Three hours credit. Jeppson.
- 190. Principles of Physical Education.** Winter. M. W. F., 8:30. Three hours credit. Hart. Prerequisites: Psychology 11 and Zoology 11 and 65.
- 193. Physical Education Administration.** Spring. M. W. F., 1:30. Three hours credit. Jeppson.
- 194. Introduction to Achievement Tests in Physical Education.** Winter. M. W. F., 10:30. Three hours credit. Hart.
- 196. Adaptation of Activities in Corrective Procedure.** Spring. M. W. F., 10:30. Three hours credit. Open to both men and women. Hart. Prerequisites: Psychology 11, Zoology 65, Physical Education 91.

PHILOSOPHY OF EDUCATION

*Professors Woodward, Merrill, Swenson, Nelson;
Associate Professor Sudweeks.*

This department is designed to prepare the student in the fundamentals of professional education with emphasis upon aims, objectives, the fundamental principles involved in the various levels and the relation the school bears to society.

Thirty hours are required for a major. The following sequence of courses is recommended:

1. In the junior year Philosophy of Education 74, 81, 84 and Psychology 74, or Philosophy of Education 72 or 92.

2. In the senior year Philosophy of Education 85, 86, 87, 88, 89, 90 and 94 or 96.

3. With the approval of the major professor certain courses from other departments in the College of Education may be substituted for certain courses in the above list.

Lower Division Course

35. Principles of Education. Autumn, Winter or Spring. M. T. W. Th. Four hours credit. Sudweeks. (See Elementary Education 1.)

Upper Division Courses

72. Community Organization and Leadership. (See Sociology 51.) Swenson.

74. Rural Sociology. (See Sociology 53.) Nelson.

81. Science of Education. Autumn, Winter, Spring. M. W. F., 8:30. Four hours credit. Woodward.

A consideration of the fundamental problems of educational theory and practice; the aims, standards and contents of education. A study of the principles of determining educational values. A summary of the psychological investigations that have been made relevant to the principal school subjects. An introduction to the scientific methods of measuring the

results of teaching. This course should precede or be taken in connection with Secondary Training.

84. Educational Sociology. (See Sociology 61.) Swenson.

85. Philosophy of Nature. Winter. M. W. F., 9:30. Three hours credit. Woodward.

The course deals with a brief survey of the evolution of philosophical thought; the place of philosophy in the solution of problems of modern civilization. A survey will be made of various types of philosophy such as spiritualism, materialism, dualism, idealism, pragmatism, rationalism, realism, mysticism, etc. Considerable time is given to the problems of reality, theories of knowledge, self, and the status of values.

86. Philosophic Ethics. Autumn. T. Th., 11:30. Two hours credit. Woodward.

This course will consist of a brief treatment of the evolution of ethical thought, the principal philosophic problems underlying ethical theory will be discussed, such as: Materialism versus purposive evolution, the nature of good and evil, the problems of the self, status of values, are we masters of our fates, Immortality, Democracy and the Moral Order. This course is designed to meet state requirements in ethics or sociology. (See Religious Education 81.)

87. Ethics as Applied to Individual Development. Winter. T. Th., 11:30. Two hours credit. Woodward.

The course aims to present a definite technique of character building. It is designed to give specific help to students and teachers interested in the development of the abundant life. It covers such problems as the nature of man, his opportunities for growth and development, the nature of the good life, man's struggle for happiness, the laws upon which happiness depends, and characteristics which make up a satisfactory character. It deals also with a technique designed to assist the student in the develop-

ment of the power of self control and self mastery. It is designed to meet part of the state requirements in ethics and sociology. (See Religious Education 82.)

- 88. The Message of the World's Great Teachers.** Spring. T. Th., 11:30. Two hours credit. Woodward.

This course deals with the message of life and self development as set forth by the world's outstanding teachers. The following systems of thought are included: The philosophy of Jesus, Buddhism, early Hinduism, Confucianism, Taoism, and Zoroastrianism. A careful study is made of these outstanding philosophies and religious systems with special reference to the theory and technique of character building leading to individual self realization. (See Religious Education 83.)

- 89. Social Ethics.** Spring. T. Th., 10:30. Two hours credit. Woodward.

This course deals with ethical theory as applied to our industrial and social problems, the present conflict in moral and ethical ideals, the meaning of democracy, the ethics of modern business, the breakdown of Puritan ethics, Individualism, Christian ethics, the problems of capital and labor, international good will and world peace. (See Sociology 89.)

- 90. Education and Twentieth Century Civilization.** Autumn. M. W. F., 9:30. Three hours credit. Woodward.

This course deals with the outstanding present day political, economic, social and educational conditions in fourteen of the most important countries of the Orient and Occident. The aim of this course is to present a vivid picture of the life, aspirations, and problems of the people of Japan, China, Philippine Islands, Java, Siam, Egypt, Greece, Italy, Austria, Germany, Russia, France, and England.

- 92. Vocational Education.** Autumn. M. T. W. Th. Four hours credit. Merrill. (Not given this year.)

This course will deal with the aims and needs of vocational education; how this type of educational activity answers the demand of society; the place it should fill in the schools today; the types of vocational training that should be fostered under western conditions; the principles governing the determination of the curriculum; the aid extended by state and federal governments.

- 93. Philosophical Analysis (Logic).** Spring. M. W. F., 9:30. Three hours credit. Woodward.

This course deals with a study of the primary forms of thought, inductive and deductive processes, with the application of these various forms of thought to important philosophic and scientific theories and deductions. It covers a careful survey of the evolution and application of the scientific method.

- 94. Methods of Character Education.** Winter. T. Th., 8:30. Two hours credit. Woodward. (Not given this year.)

This course considers education as training for social efficiency, and the school as one of several agencies for such training. It discusses the moral significance of the various studies and activities of the school, direct and indirect moral instruction and moral training.

- 96. History of Education.** Winter. M. W. F., 10:30. Three hours credit. Woodward. (Not given this year.)

A discussion of the educational theories and practices of the Greek, Roman, and Medieval periods of history. Emphasis will be placed upon the following topics: The rise and growth of Christian education, the rise of universities, the Renaissance, the development of science and scientific methods, and the more recent and contemporary development of edu-

cational theory and practice. Knowledge of European history presupposed.

- 99. Philosophy Seminar.** Winter and Spring. Two hours credit. Woodward.

This course is intended for advanced students only. It deals with such problems as Reality, The Self, Immortality, etc. Registration is possible only by consent of the instructor. Class meets once each week. Time is to be arranged.

Graduate Courses

- 137. American Philosophy of Education.** Three hours credit. Time to be arranged. Woodward.

- 185. Philosophy of Nature.** Winter. M. W. F., 9:30. Three hours credit. Woodward.

This course parallels Philosophy of Education 85.

- 186. Philosophic Ethics.** Autumn. T. Th., 11:30. Two hours credit. Woodward.

This course parallels Philosophy of Education 86.

- 187. Ethics as Applied to Individual Development.** Winter. T. Th., 11:30. Two hours credit. Woodward.

This course parallels Philosophy of Education 87.

- 188. The Message of the World's Great Teachers.** Spring. T. Th., 11:30. Two hours credit. Woodward.

This course parallels Philosophy of Education 88.

- 189. Social Ethics.** Spring. T. Th., 10:30. Two hours credit. Woodward

This course parallels Philosophy of Education 89.

- 190. Education and Twentieth Century Civilization.** Autumn. M. W. F., 9:30. Three hours credit. Woodward.

This course parallels Philosophy of Education 90.

192. Vocational Education. Autumn. Four hours credit. Merrill.

This course parallels Philosophy of Education 92.

193. Logic. Spring. M. W. F., 9:30. Three hours credit. Woodward.

This course parallels Philosophy of Education 93.

194. Methods of Character Education. Winter. T. Th., 8:30. Two hours credit. Woodward.

This course parallels Philosophy of Education 94.

196. History of Education. Time to be arranged. Three hours credit. Woodward.

This course parallels Philosophy of Education 96.

199. Philosophy Seminar. Winter and Spring. T. Th. Two hours credit. Woodward.

This course parallels Philosophy of Education 99.

200. Research in Philosophy of Education. From two to four hours credit. Time to be arranged. Woodward.

PHYSICS

*Professors Eyring, Marshall; Associate Professor Hales;
Mr. Peterson.*

Students who expect to study Medicine, Engineering, Chemistry, or who are planning to major in the Department of Physics should begin their study of Physics by electing courses 41, 42, and 43.

Non-science students may elect with profit courses 11, 16, 21, which may be taken without prerequisite and which are organized with the view of giving the student an appreciation of his physical environment.

Students majoring in Physics have the following courses prescribed: Physics 41, 42, 43, and some sequences such as Physics 58, 59, 60, 75, 81, 82, or Physics 65, 66, 67, 68, 69, 70, 81, 82, 84. Courses 88, 89, and 99 are especially recommended for students who plan to be high school teachers.

Lower Division Courses

11. A Survey Course in Physics. Winter. M. T. W. Th., 10:30. Four hours credit. Eyring.

A careful study of selected topics in elementary physics in which the development of the principles and their application to human welfare will be stressed. This is an orientation course designed for the non-science student who wishes to obtain some information in this field.

16. Descriptive Astronomy. Spring. M. T. W. Th., 10:30. Four hours credit. Hales.

This course deals with the physics of heavenly bodies. It is designed for those wishing a general knowledge of the facts, theories, and methods of astronomy. Frequent use will be made of the University Observatory on University Hill.

21. Meteorology. Autumn. M. T. W. Th., 10:30. Four hours credit. Hales.

This course deals with the physics of the earth's

atmosphere. It includes a study of the causes which produce variations in the pressure, temperature, and humidity of the air and their influence upon weather and climate. This course should be particularly valuable to one interested in aeronautics, weather bureau work, or teaching.

- 26. Photography.** Spring. Lecture, T., 7:30. Laboratory time to be arranged. Three hours credit. Hales.

This course includes lectures on the theory and art of photography, and laboratory exercises in photographic manipulation, determination of the characteristics of photographic materials, color sensitivity, use of color filters, making of lantern slides, etc.

- 41. General Physics. Mechanics and Sound.** Autumn. Lecture, M. W. F., 1:30. Laboratory, T. and Th., 1:30-3:30. Five hours credit. Hales.

This course and courses 42 and 43 constitute a general college course in physics. The completion of this general course will satisfy the requirements in physics for engineering and medical students, and it is a prerequisite for all the specialized courses in physics. Freshman or sophomore year.

- 42. Electricity.** Winter. Lecture, M. W. F., 1:30. Laboratory, T. and Th., 1:30 to 3:30. Five hours credit. Hales.

Continuation of 41.

- 43. Heat and Light.** Spring. Lecture, M. W. F., 1:30. Laboratory, 1:30 to 3:30. Five hours credit.

Continuation of 42.

Upper Division Courses

- 58. Kinetic Theory.** Autumn. Three hours credit. Hales. (Not given this year.)

This course includes a historical development of the subject, kinetic interpretation of temperature and pressure, Brownian movements; osmotic pressure, specific heats, etc.

59. Thermodynamics. Winter. Three hours credit. Hales. (Not given this year.)

A study of the two laws of thermodynamics and their application to numerous physical and chemical phenomena.

60. Election Theory. Spring. Three hours credit. Hales. (Not given this year.)

A study of the properties and physical magnitude of the electron and the part it plays in thermo-electric, photo-electric, and X-ray phenomena.

65, 66. Electricity and Magnetism. Autumn, Winter. M. W., 3:30. Two hours credit each quarter. Marshall. (Not given this year.)

General principles of magnetism, and electro-magnetism. Static electricity, direct and alternating currents. J. J. Thompson's "Electricity and Magnetism" will be used for reference. Prerequisites: Calculus and Physics 41, 42, 43.

67, 68. Experimental Physics, Electricity and Magnetism. Autumn, Winter. Two hours credit each quarter. Marshall. (Not given this year.)

Use of potentiometers, adjustment and use of sensitive galvanometers, calibration of ammeters and voltmeters, accurate measurements of resistance, measurements of earth's magnetic field, etc. These courses should be taken in connection with courses 65 and 66. Prerequisites: Physics 41, 42, 43.

69. Radio Instruments and Measurements. Spring. T. Th., 8:30. Two hours credit. Marshall. (Not given this year.)

A study of the properties of oscillatory circuits, and the thermionic vacuum tube as a detector, amplifier, and oscillation generator. Prerequisites: Physics 66 and 68.

70. Experimental Physics, Radio Instruments and Measurements. Spring. Two hours credit. Marshall. (Not given this year.)

Laboratory work designed to accompany Physics

69. Two two-hours laboratory periods per week. Time to be arranged.

75. **Experimental Optics.** Spring. Lecture M. W. F., 9:30. Laboratory: Time to be arranged. Five hours credit. Marshall.

During the first part of the course experiments outlined in Taylor's Manual of Optics will be performed, and during the last special work in the echelon and concave grating will be given.

81. **Theoretical Mechanics.** Autumn. Daily, 10:30. Five hours credit. Eyring.

Fundamental principles of mechanics and their application to physical problems. Prerequisites: Calculus and Physics 41, 32, 43.

82. **Dynamics.** Winter. Daily, 8:30. Five hours credit. Eyring.

The application of d'Alembert's principle, generalized coordinates, the Lagrangian and canonical equations, Hamilton's principle, and the Hamilton-Jacobi differential equation to the solution of dynamical problems. Prerequisites: Physics 81 and Differential Equations.

84. **Sound.** Spring. Daily, 10:30. Five hours credit. Eyring.

Advanced course in sound. Such topics as vibrating systems, resonators and acoustic filters, sound transmission and radiation, and acoustics of auditoriums will be discussed.

87. **Laboratory Arts.** Autumn, Winter or Spring. T. Th., 3:30-6:30. Two hours credit. Marshall and Hales. (Not given this year.)

Glass blowing, frilling, grinding and polishing; hard and soft soldering; silvering glass; and other miscellaneous processes connected with the construction and use of apparatus in physical laboratory.

- 88, 89. **Development of Physics.** Autumn, Winter. T. Th., 10:30. Two hours credit each quarter. Eyring. (Not given this year.)

- 90. Survey of Physical Theories.** Spring. T. Th., 10:30. Two hours credit. Eyring.

A survey course for all seniors in the department in which an attempt will be made to aid the student to integrate the specialized courses he may have taken in the department.

- 92. Readings in Modern Physics.** Credit 1 to 3 hours, depending on the work done. Eyring, Marshall, or Hales.

A reading course designed to acquaint the student with new material which may not have been included in the regular courses.

- 99. Teaching of Physics.** Autumn. M. W., 3:30. Two hours credit. Peterson.

Graduate Courses

- 101. Introduction to Modern Physics.** Autumn. M. W. F. Three hours credit. Eyring or Marshall. (Not given this year.)

Brief historical survey of Physics, aiming to introduce some of the important modern theories of physics. Also consideration of the Electromagnetic Theory of Light and Photo Electric Effect.

- 102. Introduction to Modern Physics.** Winter. M. W. F. Three hours credit. Eyring or Marshall. (Not given this year.)

Continuation of 101. Study of origin of quantum Theory and some of its modern applications.

- 103. Introduction to Modern Physics.** Spring. M. W. F. Three hours credit. Eyring or Marshall. (Not given this year.)

Continuation of 102. Brief study of X-ray, radioactivity, atomic structure.

- 105, 106, 107. Introduction to Theoretical Physics.** Autumn, Winter, Spring. 8:30. Five hours credit each quarter. Hales.

An introductory study of the mathematical basis and development of the fundamental laws and theories of physics.

110, 111, 112. Classical Experiments. Each course two hours credit. Eyring, Marshall, Hales.

182. Dynamics. Winter. Daily, 8:30. Five hours credit. Eyring.

184. Sound. Spring. Daily, 10:30. Five hours credit. Eyring.

192. Readings in Modern Physics. Credit, one to three hours, depending upon amount of work done. Eyring, Marshall and Hales.

200. Thesis in Physics. Credit to be arranged.

POLITICAL SCIENCE

Professor Jensen; Mr. Ballif.

Requirements for a major in Political Science: Students must present a minimum of fifteen hours of upper division credit in Political Science. The upper division courses selected must be approved by the major professor at the time of registration.

Lower Division Courses

10. National Government of the United States. Autumn. M. W. F., 10:30. Three hours credit. Jensen.

An examination of the historical development of the American Government; origin and growth of the Constitution; constitutional rights of the citizens; a detailed study of the executive, legislative, and judicial departments of the national government. This course should be elected in the freshman year by all who intend to major in Political Science, to be followed in the Winter quarter by Political Science 11.

11. State and Local Government in the United States. Winter. M. W. F., 10:30. Three hours credit. Jensen:

The nature of federal government; the evolution of states from territories; place of the states in the nation; a study of the executive, legislative, and judicial branches of state government.

12. Political Parties and Party Government. Spring. M. W. F., 10:30. Three hours credit. Jensen.

A study of the organization and methods of action of political parties in the United States; the development of the party system; convention and direct primary systems; the party system in leading European countries.

21. Problems of Citizenship. Winter. T. Th., 8:30. Two hours credit. Jensen.

A study of fundamental political, social, economic, and international problems which make for intelligent citizenship.

43. **Commercial Law.** Autumn. M. T. W. Th., 8:30. Four hours credit. Ballif. (See Finance and Banking 21.)

Fundamental notions concerning legal principles and institutions; the law governing the formation, operation and effect, and performance of contracts; the law governing the acquisition and transfer of title to real and personal property, and rights based thereon. Leading cases decided by the courts will be examined.

44. **Commercial Law.** Winter. M. T. W. Th., 8:30. Four hours credit. Ballif. (See Finance and Banking 22.)

A study of law governing Negotiable Instruments emphasizing the essential characteristics of this class of contracts and its commercial importance, together with rights and liabilities of parties thereto; also a study of the law governing sales of personal property as distinguished from gifts, barter, and bailments. References will be made to the leading cases decided by the courts.

45. **Commercial Law.** Spring. M. T. W. Th., 8:30. Four hours credit. Ballif. (See Finance and Banking 23.)

A study of the law governing relationships arising out of business associations; Agency, Partnerships and Corporations will be studied by an examination of the leading cases decided by the courts.

Upper Division Courses

50. **Principles of Political Science.** Spring. M. W. F., 9:30. Three hours credit. Jensen. (Not given this year.)

This course aims to present a systematic study of the principles of political science. It deals with the scope and methods of political theory; the origin, basis and nature of the state; sovereignty; the structure and province of government; citizenship and nationality. This course should be taken by all who major in Political Science.

- 51. European Political Philosophy.** Spring. T. Th., 8:30. Two hours credit. Jensen.

A survey of political thought from the time of the ancients to the present with emphasis given to modern and contemporary political theory.

- 53. History of American Political Thought.** Autumn. T. Th., 8:30. Two hours credit. Jensen. (Not given this year.)

A study and interpretation of American political ideas from the colonial period to the present with an examination of their influence in the development of American history and government.

- 63. Municipal Government.** Spring. M. W. F., 9:30. Three hours credit. Jensen. (Not given this year.)

A study of municipal growth and development in the United States and in some of the principal European countries. Attention is given to municipal structure, organization, and administration. Among the subjects treated in their relation to municipal government are: the history of municipal growth, public improvements, finances, home rule, legal status, politics, and municipal ownership.

- 73. Comparative Constitutional Government.** Autumn. M. W. F., 9:30. Three hours credit. Jensen. (Not given this year.)

A study of the organization and operation of the governments of England, France, Italy, Germany, Switzerland, and Russia. Attention is also given to some of the new European governments.

- 80. International Law.** Winter. M. W. F., 9:30. Three hours credit. Jensen.

A study of the sources, principles, and sanctions of international law; the law of peace, war, and neutrality. Attention is given to the problems growing out of the World War and to the resulting modifications of international law.

- 82. History of American Foreign Policy.** Spring. M. W. F., 9:30. Three hours credit. Jensen.

This course traces the history of American foreign relations from the colonial period to the present. Attention is given to the principal issues of diplomatic controversy and settlement.

- 83. International Relations.** Winter. M. W. F., 9:30. Three hours credit. Jensen. (Not given this year.)

Problems of nationalism and internationalism, Latin-American relations, evolution of the Monroe Doctrine, problems of imperialism, settlement of international disputes, the Hague Tribunal, the League of Nations, Permanent Court of International Justice, etc.

- 85. International Organization and Government.** Winter. T. Th., 8:30. Two hours credit. Jensen. (Not given this year.)

The rise and development of international government; diplomatic intercourse of states; international executive administrative, legislative and judicial functions; agencies of international intercourse and co-operation.

- 90. The Constitution of the United States.** Winter. T. Th., 8:30. Two hours credit. Jensen. (Not given this year.)

This course deals with the history and development of the Constitution of the United States. A study is made of its fundamental provisions, their interpretation, and their application in the functioning of the American system of government.

- 91. Constitutional Law.** Autumn. Daily, 9:30. Five hours credit. Jensen.

Jurisdiction of federal courts, citizenship, naturalization, suffrage, personal liberty, protection to persons accused of crime, due process and equal protection of the laws, police power, eminent domain, taxa-

tion, regulation of commerce, impairment of obligation of contracts, etc. A standard book of cases will be used.

Graduate Courses

- 150. Principles and Problems of Political Science.
- 151. European Political Philosophy.
- 153. American Political Theories.
- 163. Municipal Problems.
- 174. English Government and Politics.
- 175. The British Commonwealth of Nations.
- 180. International Law as Administered by the Courts.
- 181. The Conduct of American Foreign Relations.
- 182. History and Problems of American Foreign Policy.
- 183. International Relations and World Politics.
- 191. Constitutional Law of the United States.
- 193. Public Administration. (Not given this year.)
- 200. Research for Master's Thesis.

PSYCHOLOGY

Professor Poulson; Assistant Professor Dusenberry.

Suggestions as to Courses. Psychology 11 is the standard foundation course which is usually made a prerequisite to all other courses in university departments of Psychology. The courses especially recommended to follow it are:

General Cultural Interests: Psychology 65, 70, 71, 72, 79, 101, 102, and 103.

Home-making Interests: Psychology 70, 71, 72, and 79.

Business Interests: Psychology 64, 65, 66, 70, 75.

Educational Interests: Psychology 65, 70, 71, 72, 74, 75, 79, and 200. For fulfilling State Board requirements, Psychology 21 is intended for prospective elementary school teachers and Psychology 74 for junior and senior high school teachers. Other courses in this department may be used as electives for state certification.

Psychology Major: Credit must include Experimental Psychology and not less than nine quarter hours selected from Psychology 70, 75, 79, 101, 102, 103, and seminar courses in Psychology. Prospective "school psychologists" should aim to meet the major requirements as nearly as possible.

Lower Division Courses

11. General Psychology. Autumn. Daily, 8:30. Winter. Daily, 9:30. Spring. Daily, 10:30. Five hours credit. Poulson.

An introductory study of mental activity covering in a general way the whole field of modern psychology. Certain problems of mental hygiene and the psychology of effective study will receive brief consideration. Approximately one-fifth of the course will consist of simple laboratory experiments.

21. Educational Psychology. Autumn, Winter or Spring. Section 1, M. W. F., 9:30; Section 2, M. W. F., 10:30. Three hours credit each quarter. Dusenberry.

This course is designed to present the facts as far

as they have been scientifically determined of individual differences. Native endowment, habit formation, economy, and technique of learning. The thought process, personality problems. Applications are made to problems of teaching and learning.

- 25. Psychology of Effective Study.** Autumn. T., 9:30. Winter. T., 8:30. Spring. T., 9:30. One hour credit. Poulson.

A simple course in applied psychology designed especially to help freshmen who desire to improve their habits of study.

Upper Division Courses

- 64. Business Psychology.** Autumn. M. W. F., 9:30. Three hours credit. Poulson.

A brief consideration of the contributions of scientific psychology in the fields of modern advertising and salesmanship. Prerequisite: Psychology 11 or its equivalent.

- 65. Experimental Psychology.** Winter. Lecture, Th., 2:30. Laboratory M. W. F., 3:30-5:30 or equivalent number of hours to be arranged. Three hours credit. Poulson.

Carefully selected readings and laboratory work in experimental psychology. The application of scientific technique to the study of mental activity. Good form in the tabular and graphic presentation of experimental data. Preliminary training for independent research. Prerequisite: The consent of the instructor.

- 66. Vocational Psychology.** Spring. M. W. F., 8:30. Three hours credit. Poulson.

A brief consideration of the contributions of modern psychology in relation to vocational selection and vocational guidance. Emotional maladjustments in relation to vocational problems. Efficiency studies and recent efforts to establish worthwhile personnel work.

- 70. Social Psychology.** Autumn. M. W. F., 10:30. Three hours credit. Poulson.

A study of mental life as conditioned by the social environment. Nature and development of personality. Development and psychological significance of social institutions. Important educational implications of social psychology. Prerequisite: Psychology 11 or its equivalent.

- 71. Mental Hygiene and the Psychology of Childhood.** Autumn. T. Th., 11:30. Two hours credit. Poulson.

A course dealing with certain important, specialized phases of educational psychology. An attempt will be made to present in systematic form the latest findings in child psychology and to suggest applications of the same in the home, the school and the church. Problems in relation to the development of integrated personalities will be emphasized. Prerequisite: Psychology 11 or 21. (See Religious Education 71.)

- 72. Psychology of Adolescence.** Winter. T. Th., 11:30. Two hours credit. Poulson.

Continuation of Psychology 71 with special reference to the educational problems of adolescence as the psychologist sees them. Certain phases of psychology of religion which pertain especially to this period will receive consideration. Prerequisite: Psychology 11 or 21. (See Religious Education 72.)

- 73. Psychology of Religion.** Spring. T. Th., 11:30. Two hours credit. Poulson.

An advanced consideration of some of the most important results of the psychological study of religion as a basis for the interpretation of its meanings in personal and social life. Prerequisite: Psychology 70, 71 or 72. (See Religious Education 73.)

- 74. Advanced Educational Psychology.** Winter. M. W. Th. F., 8:30. Spring. M. W. Th. F., 9:30. Four hours credit. Poulson.

A brief consideration of certain important phases

of the psychology of secondary education such as the laws of economical learning, how we think, and individual differences. About one-fourth of the courses will consist of a consideration of the psychology of the various school subjects. Psychology 11 is recommended as a valuable antecedent course.

- 75. Mental Tests.** Autumn. M. W. F., 2:30. Three hours credit. Poulson. (Alternates yearly with Psychology 101.)

History, theory, and technique of intelligence testing. Various types of tests and the manner of determining their validity. Scientific interpretation and application of test results. Additional supervised training in the giving of various types of psychological tests may be had by pursuing this interest as a seminar problem. Prerequisite: Psychology 11 or 21.

- 79. Abnormal Psychology.** Winter. M. W. F., 10:30. Three hours credit. Poulson. (Alternates yearly with Psychology 102.)

A consideration of the psychology of abnormal people with emphasis upon the light thrown on normal psychology and important educational applications. Prerequisite: Psychology 11.

Graduate Courses

- 101, 102. Advanced General Psychology.** Autumn and Winter. M. W. F., 2:30. Three hours credit each quarter. Poulson. (Alternates yearly with Psychology 75 and 79; not given this year.)

A careful reconsideration of the general field of modern scientific psychology, also a comparative study of such contemporary systems as introspective psychology, behaviorism, Gestalt psychology, etc. An attempt will be made to determine the advantages and disadvantages of each method and point of view. Prerequisite: At least ten hours of credit in psychology.

- 103. Special Topics in Psychology.** Spring. M. W. F., 2:30. Three hours credit. Poulson.

This course provides for the individual or group study by advanced students of certain important topics in psychology which are not specifically organized into courses. For this year the topic chosen will probably be either History of Psychology or the Psychology of Speech, depending upon the choice of the students who are prepared to undertake one study or the other. These topics may be pursued as seminar problems if more convenient. Prerequisite: At least ten hours of credit in psychology.

- 165. Advanced Experimental Psychology.** Winter. Lecture. Th., 2:30. Laboratory M. W. F., 3:30-5:30 or equivalent number of hours to be arranged. Three hours credit. Poulson.

- 166. Vocational Psychology.** Spring. M. W. F., 8:30. Three hours credit. Poulson.

- 170. Social Psychology.** Autumn. M. W. F., 10:30. Three hours credit. Poulson.

- 173. Psychology of Religion.** Spring. T. Th., 11:30. Two hours credit. Poulson.

- 175. Mental Tests.** Autumn. M. W. F., 2:30. Three hours credit. Poulson.

- 179. Abnormal Psychology.** Winter. M. W. F., 10:30. Three hours credit. Poulson.

- 187, 188, 189. Seminar in Psychology.** Autumn, Winter, Spring. Time to be arranged. One hour credit each quarter. Poulson.

Recent and current literature in theoretical and experimental psychology will be reviewed. Prerequisite: At least ten hours of credit in psychology.

- 200. Thesis in Psychology.** Winter. Conference, T., 2:30. Three to five hours credit. Poulson.

Research work in the preparation of an acceptable Master's thesis. Prerequisites: At least ten hours of upper division and graduate credit in psychology including Psychology 65 or 165. Also a course in statistical methods.

RELIGIOUS EDUCATION

Professors Wilson, J. C. Swenson, A. N. Merrill, Eyring, Martin, Woodward, Snow, Poulson, Nelson, Hansen, Osmond, Miller, Madsen, Pardoe, Reynolds, Larsen; Associate Professors Sudweeks, Hales, Sperry; Assistant Professors W. H. Boyle, Dusenberry, Hart, Morley, Jeppson, Ivins, R. Swenson; Mr. Dixon.

Students who wish to specialize for work with pre-adolescent children in the various auxiliary organizations of the Church will be permitted to supplement the regular courses of the department for a major in Religious Education from the following: Elementary Education 1, 16, 20, and 60; Psychology 70 and 71. Courses especially recommended for these students are Religious Education 16, 17, and 18, Elementary Education 1 and Psychology 79.

Students wishing to specialize for work with adolescents and adults in church service may include in their Religious Education major courses selected from the following: Educational Administration 75, Philosophy of Education 88, 89, Psychology 79, 72. Secondary Education 54, and Sociology 65. Courses especially recommended for these students are Religious Education 74, 75, 76, 77, 78, 79, 81, 82, 83, 86, 92, and 93, Psychology 73, and Secondary Education 54.

Lower Division Courses

1. **Problems of Religious and Ethical Life.** Autumn. T. Th., Sec. 1, 8:30; Sec. 2, 9:30; Secs. 3, 4, 11:30; Sec. 5, 2:30. Two hours credit. Wilson, Miller, Boyle.

The student just entering college is aided in the solution of problems incident to his new environment. The course treats the general significance and meaning of religion and morals, their origin and their interrelation in the formation of standards of conduct. It also deals with the concepts of right, duty, conscience, and character. The approach is made through a study of a series of practical problems, dealt with from the Latter-day Saint point of view.

- 2. Problems of Religious and Ethical Life.** Winter. T. Th., Sec. 1, 8:30; Sec. 2, 9:30; Secs. 3, 4, 11:30; Sec. 5, 2:30. Two hours credit. Wilson, Miller, Boyle.

A treatment of the practical aspects of religion and morality, with attention to the cultivation of those personal virtues that are the foundation of character. The influence of religious ideals in the development of personal codes and standards; the application of formulated codes and standards to the solution of personal and social problems.

- 3. Problems of Religious and Ethical Life.** Spring. T. Th., Sec. 1, 8:30; Sec. 2, 9:30; Secs. 3, 4, 11:30; Sec. 5, 2:30. Two hours credit. Wilson, Miller, Boyle.

The individual's ethical relation to others as applied to his activities in cooperation with others. His responsibility in the promotion of ideals and standards through his functions in church and organizations for social welfare. The ethics of citizenship.

- 4. Literature of the Bible.** Autumn. T. Th., 9:30. Two hours credit. Sperry.

A study of the prose forms of the Old Testament from a literary, ethical, historical, and religious point of view. Freshmen will be admitted only with the consent of the instructors.

- 5. Literature of the Bible.** Winter. T. Th., 9:30. Two hours credit. Sperry.

A study of the poetry and wisdom literature of the Old Testament including Job and Isaiah. Freshmen students will be admitted only by consent of the instructors.

- 6. Literature of the Bible.** Spring. T. Th., 9:30. Two hours credit. Sperry.

A study of the literary forms of the New Testament. Parts of all the books will be considered. Freshmen students will be admitted only by the consent of the instructors.

- 10, 11, 12. Principles of Religious Conduct.** Autumn. T. Th., 11:30. Two hours credit each quarter. A. N. Merrill, Hales, Larsen.

This course deals with the fundamental theological and ethical principles governing Christian conduct. The contribution of the church to right living of the individual and the groups. The value and significance of religious experience. The opportunities offered by the church for promoting religious experiences. The fundamental doctrines, ordinances and principles of the church and the relation of these to Christian conduct.

- 14. Genealogy.** Spring. T. Th., 11:30. Two hours credit. Sudweeks.

This course deals with such subjects as the place of genealogy in the plan of salvation, our responsibility to our dead ancestors, genealogical research, the pedigree, the family record, temple sheets, and temple ordinances.

- 19, 20, 21. Doctrine and Missionary Method.** Autumn, Winter, Spring. T. Th., 11:30. Two hours credit each quarter. Ivins.

A course designed especially for prospective missionaries. A review of the history of religious propaganda, a detailed study of methods employed in preaching the doctrines of the Church.

- 22, 23, 24. Hymnology and Music Directorship.** Autumn, Winter, Spring. T. Th., 11:30. Two hours credit each quarter. Madsen.

Study of the historical, doctrinal, prophetic, poetic, and esthetical content of songs and hymns of the Latter-day Saints. They are classified according to their dominant features poetically and musically and are emphasized according to their value to humanity. Special training in the essentials of church music leadership and rudimentary conducting.

- 25. Christianity and Christian Religion.** Autumn. T. Th., 11:30. Two hours credit.

In this course consideration will be given to Judaism as a forerunner and herald of Christianity. Israelitish faith and prophecy will receive attention, and the culmination of progressive, spiritual Judaism in Christianity will be stressed.

- 26. Christianity and Christian Religions.** Winter. T. Th., 11:30. Two hours credit. R. Swenson.

A study of important Christian religions of the present day: Catholicism; some of the important denominations of Protestantism; Christian Science; and the Salvation Army movement. The origin and history of each will be considered at sufficient length to give a background for a careful analysis of the principles of the modern Christian churches.

- 27. Christianity and Christian Religions.** Spring. T. Th., 11:30. Two hours credit. R. Swenson.

A study of present tendencies among Christian churches. Fundamentalism and Modernism as cross sections of various denominations will be analyzed. The relationship of modern science to Christianity will receive serious thought.

Upper Division Courses

- 51. Manners and Customs of the Hebrews.** Autumn. T. Th., 11:30. Two hours credit. Sperry.

A study of the traditions, customs and modes of thought of the ancient Hebrews. The literature of the Bible cannot be fully understood or appreciated without a knowledge of the customs of the people that produced it.

- 52. Hebrew Archaeology.** Winter. T. Th., 11:30. Two hours credit. Sperry.

A study of the results of exploration and excavations in Bible lands with special reference to the Hebrew people.

- 53. Old Testament Problems.** Spring. T. Th., 11:30. Two hours credit. Sperry.

This course will deal with special problems of the Old Testament such as the criticism of the Pentateuch, the criticism of the Book of Isaiah, etc.

The three courses following aim at a constructive and interpretative study of the New Testament. The courses will be based primarily on the text, although outside authorities will be used. The courses will include a study of the social, political, and religious conditions in and about Palestine during New Testament times.

- 54, 55. Life and Teachings of Christ.** Autumn. T. Th., 11:30. Two hours credit each quarter. J. C. Swenson, Martin.

A study of the life and teachings of Jesus as revealed in the New Testament.

- 56. Life and Teachings of Paul and Other Apostles.** Spring. T. Th., 11:30. Two hours credit. J. C. Swenson, Martin.

The course, in addition to a study of the journeys and missions of Paul, will include a study of some of the Epistles.

- 57. Philosophy and Life.** Autumn. T. Th., 11:30. Two hours credit. Osmond.

A discussion of the fundamental principles of philosophy, science, and religion and their interrelations. A brief historic sketch of Greek philosophy is given as an introduction to a more careful study of Realism, Mysticism, Rationalism, and Idealism.

- 58. Philosophy and Life.** Winter. T. Th. Two hours credit. Osmond.

A comparative study of natural and revealed religion. The seven fundamental natures of man, the negative and positive conditions of happiness, pleas-

ure, joy, and tragedy of life, are the principal subjects discussed in this course.

- 59. Philosophy and Life.** Spring. T. Th., 11:30. Two hours credit. Osmond.

This course is devoted to a study of the elements and agencies of redemption, the spiritual life, good and evil, the truth, the fine art of living, and the philosophy of conflict.

- 60. Christianity In Its Jewish Environment.** Autumn. T. Th., 8:30. Two hours credit.

Egyptian and Syrian Hellenism. Judaism in Palestine and the Diaspora. Political and social developments under the Hasmoneans, the Herods, and the Romans. The beginning of Christianity in Palestine. John the Baptist and Jesus. The Jerusalem community and Paul. The transition to the Gentile environment. Jewish survivals in second-century Christianity.

- 61. The Literature of the New Testament.** Winter. T. Th., 8:30. Two hours credit. R. Swenson.

The several books of the New Testament in relation to the life of the early church; situations which called them forth; and the development of Christian thought embodied in them.

- 62. The Rise of Christianity.** Spring. T. Th., 8:30. Two hours credit. R. Swenson.

The beginnings of the Christian movement in Palestine; the course of Christianity's development in relation to its Graeco-Roman social environment from the earliest contact with Gentiles, through the period of struggle with rivals, and on to the recognition of Christianity as the only legal religion of the Roman Empire; the influence on the church of the barbarian invasions.

- 63, 64, 65. History of the Christian Church.** Winter, Spring. T. Th., 9:30. Two hours credit each quarter. R. Swenson.

Christianity a product of Mediterranean civilization created anew by the Messiah. A brief study of the oriental and classic culture and philosophy out of which emerged the Christian Church under the Teachings of Christ, Paul, the Church Fathers and the Clergy both lay and clerical. The development of the Papacy; the conflict between orthodoxy and heresy; the rivalry of Empire and Papacy; the Conciliar movement; the Renaissance and Reformation and the diversity of religious beliefs and practices under the new spirit of tolerance and liberty.

- 66, 67, 68. Bible History.** Autumn, Winter, Spring. T. Th., 2:30. Two hours credit each quarter. Sperry.

Growth of the Bible. Growth of traditions and story cycles and their historical values. Historical survey of Israel and a study of their social, ethical and religious ideas and ideals. Application of their problems to modern world conditions. Brief historical background, interpretation and literary merits of the books of the Old Testament.

- 69. History of Religion in the United States.** Autumn or Winter. T. Th., 9:30. Two hours credit. Christen Jensen.

The heritage from the Old World; religious development in the colonies; tendencies toward liberalism; relationship of church and state; the religion of the frontier; Christianity and the Indians; the churches and slavery; evangelism in religion; humanitarian aspects of religion in the United States; tendencies toward emancipation from formal worship and orthodoxy; religious educational institutions and societies; rise of new sects; the problem of socializing, rationalizing, and spiritualizing religion; organization and structure of the churches in the United States; auxiliary church organizations; missionary activities; tendencies toward unity.

- 71. Mental Hygiene and the Psychology of Childhood.** Autumn. T. Th., 11:30. Two hours credit. Poulson. (See Psychology 71.)

72. Psychology of Adolescence. Winter. T. Th., 11:30. Two hours credit. Poulson. (See Psychology 72.)

73. Psychology of Religion. Spring. T. Th., 11:30. Two hours credit. Poulson. (See Psychology 73.)

74. Social and Recreational Leadership. Autumn. T. Th., 11:30. Two hours credit. Jeppson.

This course is given to meet the needs of the community, church and school recreational leaders. Emphasis will be given to problems in social dancing, dance contests, dance creations, dance mixers, rhythmic games, stunt songs, community singing, old time dances, icebreakers, marching variations. Special attention will be given to methods and procedures.

75. Social Recreational Leadership. Winter. T. Th., 11:30. Two hours credit. Jeppson. The organizing and administering of special balanced programs in the various phases of recreation, including theme parties and home recreation. Students will have opportunity for individual and group leadership in the various Wards of Provo, neighborhood communities, Leadership Week, and other recreational activities on the campus.

76. Social Recreational Leadership. Spring. T. Th., 11:30. Two hours credit. Jeppson.

Discussion of and practice in the phases of a recreational field will be studied and workable plans compiled. Students will have opportunity for group leadership within the class.

77. Scout Leadership. Autumn. T. Th., 11:30. Two hours credit.

A course designed especially for scoutmasters and prospective scout leaders. The first part of the course will consist of a series of short hikes on which the following topics will be studied: How to walk, packs for pedestrians, campmaking, fire-building, camp cookery, knots, hitches and lashings. The second part of the course will consist of a study of first aid, bandaging, personal and public health.

- 78. Scout Leadership.** Winter. T. Th., 11:30. Two hours credit.

The topics to be studied are: Organization of a Scout troop and its relationship to the Local Council and the National Council, Boy Scouts of America; the methods of troop management and the use of the patrol system; the psychology of the Boy Scout; scout stories and games.

- 79. Scout Leadership.** Spring. T. Th., 11:30. Two hours credit.

Signs, symbols, and signaling; pathfinding and mapmaking; trees, flowers, birds, common wild animals, and stars are the subjects to be studied in the classroom and while on short hikes.

- 81. Philosophic Ethics.** Autumn. T. Th., 11:30. Two hours credit. Woodward. (See Philosophy of Education 86.)

- 82. Ethics as Applied to Individual Development.** Winter. T. Th., 11:30. Two hours credit. Woodward. (See Philosophy of Education 87.)

- 83. The Message of the World's Great Teachers.** Spring. T. Th., 11:30. Two hours credit. Woodward. (See Philosophy of Education 88.)

- 84. Religion and Life.** Autumn. T. Th., 11:30. Two hours credit. (Not given this year.)

This course offers students an opportunity to make an analysis of the basic concepts set forth in the Doctrine and Covenants together with a consideration of how these concepts may assist in building a happy life. The course is conducted on a seminar basis.

- 85. Religion and Life.** Winter. T. Th., 11:30. Two hours credit. (Not given this year.)

This course offers students an opportunity to make a study of the historical and social backgrounds into which various sections of the Doctrine and Covenants came. It considers the needs which the various

revelations contained in this book met as they were given. The course is conducted on a seminar basis.

- 86. Administration of Private and Parochial Schools and Seminaries.** T. Th., 11:30. Two hours credit. (Not given this year.)

This course offers students an opportunity to study the place of the private and the denominational school in America and the relationships which exist between private and state schools. Students majoring in Educational Administration may obtain major credit for this course.

- 87, 88, 89. Rationality of Religion.** Autumn. T. Th., 11:30. Two hours credit each quarter. Wilson.

Religion as life in its relationship to philosophy; the concept of truth, how arrived at; the concept of God, His relations to man, and His plan for man's redemption. Jesus Christ and His relation to the plan; His divinity, and the atonement brought about by Him. Joseph Smith, his mission and work. The Church as a social organization, its functions, methods and problems. The relation of psychology to personal religious development. The relation of religion to natural sciences, the concept of evolution and its relation to religion, the nature of progress, and the relation of all life's interests to the gospel of Jesus Christ.

- 90. Personality Problems in Child Development.** Autumn. T. Th., 11:30. Two hours credit. Dusenberry.

This course deals with the emotional, social and moral phases of child development. The hereditary and environmental influences affecting the character and religious development of the child. A consideration of experimental work and habit formation.

- 91. Personality Problems in Child Development.** Winter. T. Th., 11:30. Two hours credit. Dusenberry.

The diagnosis of behavior difficulties and the remedial technique employed in handling various types of problems. Emphasis on character and religion.

- 92. Personality Problems in Child Development.** Spring.
T. Th., 11:30. Two hours credit. Dusenberry.

Contributions of mental hygiene to character and religious education. (See Elementary Education 90, 91, 92.)

- 94. Man and His Relationship to the Universe.** Autumn.
T. Th., 11:30. Two hours credit. Hansen.

Anthropology. A series of lectures covering the speculations as to the origin of man in the Old and New World, and prehistoric man's contribution to the historic world of religion.

- 95. Man and His Relationship to the Universe.** Winter.
T. Th., 11:30. Two hours credit. Snow.

Primitive and Great Religions of the World. A general perspective of the important religions of the world. Among the religions considered are: Religions of primitive people of Babylonia and Assyria, Egypt, Judaism, Mohammedanism, Zoroastrianism, the religions of China, Japan, Greece, Rome, and of the Celts and Teutons. Some attention is also given to a study of early Christianity.

- 96. Man and His Relationship to the Universe.** Spring.
T. Th., 11:30. Two hours credit. Eyring.

History of science and its relation to religion and to philosophy. A study will be made of the religious and philosophic overbeliefs which have emerged from science as it has been in the making, special emphasis being given to the development of the materialistic conception of the universe during the last century and of the modern tendency toward a more spiritual interpretation. It will be pointed out that to see life as an integrated whole one needs not only science, but art, philosophy, and religion.

Graduate Courses

- 105. Research in Religious Education.** Autumn, Winter, or Spring. Two hours credit. (Not given this year.)

A course in technique of research as applied to

problems in religious education and which will provide an opportunity for students to apply acceptable methods of investigation to problems in this field. Credit is based upon presentation of an acceptable paper embodying the results of independent work upon an approved problem.

121, 122, 123, Seminar. Autumn, Winter, Spring. W., 4:30. One hour credit. Wilson.

151. Manners and Customs of the Hebrews. Autumn. T. Th., 11:30. Two hours credit. Sperry.

152. Hebrew Archaeology. Winter. T. Th., 11:30. Two hours credit. Sperry.

153. Old Testament Problems. Spring. T. Th., 11:30. Two hours credit. Sperry.

161. Primitive and Great Religions of the World. An intensive study of some one of these will be required. Prerequisite: Religious Education 95. (Not given this year.)

162. The Religious Rivals of Early Christianity. This course will involve a survey of the religions most prominent in the Roman World at the birth of Christ. Particular attention will be given Mithraism and its relation to Christianity. (Not given this year.)

163. Early Christianity and its Different Appeals to Jew and Gentile. Special problems of research; e. g., Nestorianism, Montanism, Gnosticism, and the Atonement. Various explanations of the Atonement may furnish a basis for careful study.

164. Early Church Movements and the Development of a Catholic Church Organization.

165. Christianity and the Rationalism of the Eighteenth Century and the Speculative Theories Since. Intensive study of some of the modern problems will be required.

173. Psychology of Religion. Spring. T. Th., 11:30.
Two hours credit. Poulson.

181. Philosophic Ethics. Autumn. T. Th., 11:30. Two hours credit. Woodward.

This course parallels Religious Education 81.

182. Ethics as Applied to Individual Development. Winter. T. Th., 11:30. Two hours credit. Woodward.

This course parallels Religious Education 82.

183. The Message of the World's Great Teachers. Spring. T. Th., 11:30. Two hours credit. Woodward.

This course parallels Religious Education 83.

184. Religion and Life. Autumn. T. Th., 11:30. Two hours credit. Lambert.

This course parallels Religious Education 84 and permits graduate students to do intensive work in the field.

185. Religion and Life. Winter. T. Th., 11:30. Two hours credit. Lambert.

This course parallels Religious Education 85 and permits graduate students to do intensive work in the field.

186. Administration of Private and Parochial Schools and Seminaries. Spring. T. Th., 11:30. Two hours credit.

This course parallels Religious Education 86 and permits graduate students to do intensive work in this field. Students majoring in Educational Administration may obtain credit for this course.

187, 188, 189. Rationality of Religion. Autumn, Winter, Spring. T. Th., 11:30. Two hours credit each quarter. Wilson.

These courses are extensions of courses 87, 88, and 89.

193. Methods in Religious Education. Autumn or Spring. T. Th. Two hours credit. A. N. Merrill.

This course is designed for those who are expect-

ing to qualify for efficient service in directing teacher training, in supervising instruction, and teaching adolescent and adult students. It will deal with the best devices employed in directing and supervising theological instruction, and also with the most efficient methods of teaching for the attainment of definite purpose in the field of theology.

195. Anthropology. Winter. T. Th., 11:30. Two hours credit. Hansen. (See Sociology 95.)

A continuation of course 94 with special reference to the American Indians.

196. Anthropology Research. Spring. Time and credit to be arranged. Hansen. (See Sociology 96.)

SECONDARY EDUCATION

Professors A. N. Merrill, Woodward, Eastmond, Nelson, Romney, Madsen; Associate Professors Sudweeks, Warnick, Lambert; Assistant Professors Boyle, Jensen, Hart, Morley, Hansen; Mr. Dixon, Mr. Peterson, Mr. Haymond, Secondary Training School Faculty.

The following courses are suggested for students who desire to take work in other departments of the College of Education: Philosophy of Education 89, 92, 145; Educational Administration 50, 77; Elementary Education 60; Psychology 74, 77. With the approval of the major professor courses from other departments may be offered to fill major requirements.

Upper Division Courses

- 51. Organization, Administration and Teaching Methods in Secondary Schools.** Autumn or Winter. M. F., 10:30. Two hours credit. Merrill.

This course includes a study of methods of teaching in high school, necessary as a prerequisite for practice teaching. This is part of the course Organization and Administration of Secondary Schools as outlined in the certification requirements of the state. Courses 51 and 52 will be required for those desiring credit in practice teaching and recommendation to the State Board of Education for certification. In course 51 emphasis will be placed on methods of teaching in high school.

- 52. Organization and Administration of Secondary Schools.** Autumn or Winter. T. Th., 10:30. Two hours credit. Woodward.

During this course special attention will be given to the problems of high school organization and administration.

- 54. Secondary Teaching.** Autumn, Winter and Spring. Lecture period, W., 10:30. Practice periods to be arranged. Eight hours credit, four hours in each of

two quarters. Merrill, Boyle, Jensen, and Secondary Training School Faculty.

This is a course in practice teaching under supervision. Each student before receiving credit in the course will make a critical study of one good book on the special methods of teaching as his major subject. Approximately 80 hours of participation and responsible class room teaching will be required, but success in the course will be determined by the quality of the work done, not by the number of hours teaching. Each student will train in his major subject unless special arrangements are made for training in other lines. A student should have Educational Psychology and Philosophy of Education 81 as prerequisites to this course. Secondary Teaching 51 and 52 are to be taken as parallel courses. Before a student is registered he must present from his major and minor professors a statement that his scholarship is sufficiently high to justify his teaching the subjects. Hours for practice teaching must be arranged with the Supervisor of Secondary Training when registering.

55. Junior High School Organization and Teaching. Spring. M. W. F., 9:30. Three hours credit. Merrill.

This course will deal with the most vital problems in the organization and methods of teaching in the junior high school. The functions, the objectives, the curricula and courses of study, and technique of teaching on this level will be given special consideration. Students will have an opportunity of observing in the Secondary Training School.

58. Health Education for Teachers. Autumn, Winter, Spring. T. Th., 1:30. Two hours credit. Cullimore, Oaks, Merrill.

Designed especially for those who are preparing to teach in the public schools. (See Zoology 58.)

***62. Methods of Teaching Art.** Autumn and Winter. Th., 3:30. One or two hours credit. Eastmond. (See Art 54.)

- 63. Methods of Teaching Agriculture.** Autumn. F., 8:30. Two hours credit. Sudweeks.

A practical course in the application of methods to the teaching of Agriculture. Intended to accompany or precede Secondary Education 54. Emphasis will be given to consideration of Smith-Hughes standards and requirements.

- 64. Methods of Teaching Music.** Winter. T. Th., 8:30. Two hours credit. Hanson. (See Theory of Music 91.)

- 65. Methods of Teaching Modern Languages.** Autumn. Time to be arranged. Two hours credit. Cummings. (See German 65, French 65.)

- 66. Methods of Teaching Physical Education.** Autumn and Winter. Time to be arranged. Romney and Dixon. (See Physical Education 92.)

- 67. Methods of Teaching Home Economics.** Autumn. T. Th., 8:30. Two hours credit. Warnick. (See Home Economics 72.)

- 68. Methods of Teaching Speech.** Autumn and Winter. Two hours credit. One hour per week. Time to be arranged. Morley. (See Speech 91.)

- 69. Methods of Teaching Biology.** Autumn or Winter. T. Th. Time to be arranged. Two hours credit. Hayward. (See Zoology 69.)

- 70. Measurements of High School Teaching.** Spring. 1:30. Four hours credit. Sudweeks.

A study of standard tests, now available for use in high school subjects. Some practice will be given in giving and scoring tests, interpreting results, and planning remedial teaching. Open to advanced students only. Some consideration given to Old and New Type Examinations.

*Special method courses are offered in some of the other subjects. Such courses, when offered, are described as separate courses in the respective departments and credit for such courses is to be used to fill major rather than educational requirements.

71. Juvenile Sociology. Spring. T. Th., 9:30. Two hours credit. Boyle. (See Sociology 71.)

81. Science of Education. Autumn, Winter and Spring. 8:30. Four hours credit each quarter. Woodward. (See Philosophy of Education 81.)

This course is required of all students in education who expect to qualify for high school state certification and should be taken during the junior year.

91. The High School Curriculum. Winter. M. T. W. Th., 9:30. Four hours credit. Merrill.

The principles governing the organization of the high school curriculum. The evaluation of the objective, the course of study, and the activity phase of the present high school curriculum. The unification of the work of the various departments of the high school and how these may contribute to the achievement of the recognized aims of education.

92. Vocational Education. Autumn. 9:30. Four hours credit. (See Philosophy of Education 92.)

94. Educational and Vocational Guidance. Autumn. 9:30. M. T. W. Th. Four hours credit. Merrill.

A survey will be made of the developments in the field of vocational guidance. A consideration of the principles of vocational guidance and early vocational experience as a feature in determining the choice of an occupation; equipment and method of a vocational counselor; the school as a vocational guidance center; modification of the high school curriculum to facilitate vocational choice; type of reading which will lead to proper vocational adjustment; placement as a function of the schools; relation of vocational guidance to industrial education.

Graduate Courses

101. Special Problems in High School Curriculum with Special Reference to Utah Schools. Time to be arranged. Four hours credit. Merrill.

A careful analysis will be made of the subject matter and student activities now required of students in the different phases of work in the high schools of Utah. The students will investigate the high schools of their special interests for the purpose of ascertaining the nature of the curriculum that is at present being administered, and comparing this with the latest thought in the field of curriculum making.

102. Problems in Part-time Education. Hours to be arranged. Two hours credit. Merrill and Woodward.

This course deals with the methods and problems of part-time education; the character of the population to be educated, methods of teaching in part-time classes, job analysis and course organization.

147. Research Work in Secondary Teaching. The consent of the instructor is necessary before registering. Merrill.

In certain courses, students may be given from two to four hours credit on presentation of a satisfactory thesis on an assigned topic embodying the results of independent work.

148. Introduction to Research and Thesis Writing. Autumn. Two or three hours credit.

A course in principles and techniques, research and training in thesis preparation with instruction in using sources of materials, preparation of bibliography, organizing and reporting results of investigations, selection of suitable thesis problems. Senior students may enter with the consent of the instructor. All students registering as candidates for the Master degree in the College of Education are expected to take this course.

150. Graduate Seminar in Education. Each alternate Monday, 7:30 to 9:30 p. m.

169. Measurements of High School Teaching. Spring. 1:30. Four hours credit. Sudweeks.
(See Secondary Education 69.)

191. The High School Curriculum. Winter. M. T. W. Th., 1:30. Four hours credit.

(See Secondary Education 91.)

192. Vocational Education. Autumn. 9:30. Four hours credit. Merrill.

(See Philosophy of Education 92.)

194. Educational and Vocational Guidance. Autumn. M. T. W. Th., 9:30. Four hours credit. Merrill.

200. Thesis Work in Secondary Education. From four to eight hours credit, depending upon the problem. Merrill and Woodward.

SOCIOLOGY

*Professors Swenson, Woodward, Nelson, Hansen;
Assistant Professor Boyle.*

Courses 11 and 12 are prerequisite to all other courses in Sociology. Upper division students register for these courses as 55 and 56 for upper division credit.

Lower Division Courses

11 or 55. Introduction to the Study of Sociology. Autumn and Winter. Daily, 2:30. Five hours credit each quarter. Swenson.

This course is designed to give the ground work for social study. It is designed to present a general view of social organizations, social forces and a practical working theory of the nature of society.

12 or 56. Social Problems. Spring. M. W. F., 2:30. Three hours credit. Swenson.

This course deals with concrete social problems such as crime, poverty, racial conflicts, etc. Discussions, papers, and assigned readings.

Upper Division Courses

51. Community Organization and Leadership. Spring. M. W. F., 9:30. Three hours credit. Swenson. (Not given this year.)

This course deals with the problems of community life and action, and the methods of promoting them through organization and leadership. Special attention will be given Church organizations in their relation to the recreational, ethical, and spiritual life of the community.

52. History and Development of the Mormon Community. Autumn. M. W. F., 10:30. Three hours credit. Nelson.

This course deals with the evolution of the "village" form of community organization among the

Latter-day Saints. The social, political, economic, and intellectual characteristics of the early nineteenth century are studied as background material. Subordinate treatment is given to village systems of Europe and Asia, and their possible relation to the Mormon village. Early economic ideals of the Mormons as embodied in the "United Order," together with other plans for "building Zion" are considered.

53. **Rural Sociology.** Winter. M. W. F., 10:30. Three hours credit. Nelson.

A survey of social conditions in the rural life of America, with special reference to those social processes which are in operation at the present time, such as rural migration, standard of living, town and country relations, and changes in institutional life.

61. **Educational Sociology.** Autumn. M. W. F., 9:30. Three hours credit. Swenson.

An introductory study of the principles of educational sociology and their application to the theory and practice of school administration, curricula and methods of instruction.

65. **Social Pathology.** Winter. 9:30. Two hours credit. Swenson. (Not given this year.)

A study of local organizations for social, civic, and philanthropic work.

66. **Urban Sociology.** Winter. 9:30. Two hours credit. Swenson. (Not given this year.)

A study of the evolution and problems of urban life, with special emphasis on the economic, ethical, and political influence of cities on modern society.

70. **Social Control.** Spring. M. W. F., 8:30. Three hours credit. Swenson.

A study of the means of the control of the individual by groups. Such agencies as public opinion, belief, social suggestions, ceremony, personal ideals, etc., will be studied in detail.

- 71. Juvenile Sociology.** Autumn. T. Th., 9:30. Two hours credit. Boyle.

This course deals with the educational problems of the adolescent, as related to the home, the school, industry, the community, and his own group. The child's moral equipment, his social traits, and moral and sex education through school subjects. History of juvenile delinquency and the study and treatment of delinquents.

- 75. The Family.** Spring. M. W. F., 8:30. Three hours credit. Swenson. (Not given this year.)

A study of the history and development of the family and its place as an institution in the development of our civilization. The course also considers the modern family and its problems.

- 77. Social Case Work.** Autumn and Winter. F., 1:30 to 3:30. Two hours credit. Nelson and members of the General Board of the Relief Society.

Principles and practices of case work with the maladjusted and the dependent. This course is given in cooperation with the General Board of Relief Society.

- 81. The History of Social Theory.** Spring. M. W. F., 9:30. Three hours credit. Swenson.

The course deals with evolution of social theories beginning with Plato and considering the developments through the early Christian Era and also the Medieval and modern social theorists.

- 85. Education and Twentieth Century Civilization.** Autumn. M. W. F., 9:30. Three hours credit. Woodward. (See Philosophy of Education 90.)

- 89. Social Ethics.** Spring. T. Th., 10:30. Two hours credit. Woodward. (See Philosophy of Education 89.)

90. Labor Problems. See Economics 59.

91. Labor Legislation. See Economics 61.

94. Anthropology. Autumn. T. Th., 11:30. Two hours credit. Hansen.

An introductory course in the study of the science of man. Treated from the standpoint of his antiquity and development as interpreted from paleontological and archeological evidence.

95. American Anthropology. Winter. T. Th., 11:30. Two hours credit. Hansen. (Not given this year.)

A study of the American Indian and his place among the races of mankind as interpreted from paleontological data.

96. Cultural Anthropology. Spring. T. Th. Two hours credit. Nelson. (Not given this year.)

An analysis of the social institutions of primitive people and how those institutions have developed. The meaning and content of culture.

97, 98, 99. Recent Social Trends. Autumn, Winter, Spring. W., 4:30. Two hours credit each quarter. Nelson.

Graduate Courses

101, 102, 103. Research. Time and credit to be arranged. Swenson and Nelson.

Opportunity is given for the student to work out a problem in the field of his greatest interest. Direction in the methodology of research in the social science field, and in the presentation of material.

104. Research Methods in Social Science. Spring. M. W. F., 2:30. Three hours credit. Nelson.

The nature of social science; types of approach to and methods of study of social phenomena. Students should have some knowledge of statistical method before taking the course, or secure consent of the instructor.

- 151. Community Organization.** Spring. M. W. F., 9:30. Three hours credit. Swenson. (See Sociology 51.)
- 152. History and Development of the Mormon Community.** Autumn. T. Th., 11:30. Two hours credit. Nelson.
- 161. Educational Sociology.** Autumn. 9:30. Three hours credit. Swenson.
- 169. Advanced Anthropology.** Spring. T. Th. Two hours credit.
- 170. Social Control.** Spring. Three hours credit. Swenson.
- 171. Juvenile Sociology.** Autumn. Two hours credit. Boyle.
- 175. The Family.** Spring. Three hours credit. Swenson.
- 181. History of Social Theory.** Winter. M. W. F., 9:30. Three hours credit. Swenson.
- 185. Social Organization.** Winter. Three hours credit.
- 189. Social Ethics.** Spring. T. Th., 10:30. Two hours credit. Woodward.
- 190. Labor Problems.** Winter. Three hours credit.
- 191. Labor Legislation.** Spring. Three hours credit.
- 194. Anthropology.** Autumn. Two hours credit. Hansen.
- 195. Cultural Anthropology.** Spring. Two hours credit. Nelson. (Not given this year.)

196. Research. Time and credit to be arranged.

197, 198, 199. Recent Social Trends. Autumn, Winter, Spring. M., 4:30. Two hours credit each quarter. Nelson.

A cross-section of contemporary American civilization. Special attention will be given the reports of the Hoover Commission on Social Trends.

200. Thesis.

SPEECH

*Professors Pardoe, De Jong, Poulson; Assistant Professor Morley;
Mrs. Stewart.*

Students majoring in this department are required to furnish two years in a foreign language. They may elect one of the two divisions, Public Speaking or Dramatic Arts. Requirements for Public Speaking are Speech 1, 2, 3, 11, 42, 51, 52, 53, 77 or 78, 84p, and 91. Requirements for Dramatic Arts are 1, 11, 12, 22, 42, 43, 62, 72, 73, 81p, 87p and 91.

It is advisable to register for Physics 11, Psychology 11, and 70, and Art 21.

Lower Division Courses

- 1. Principles of Speech.** Autumn. M. W. F., 1:30. Three hours credit. Pardoe.

The elements of speech, proper carriage, and simple outline of speeches constitute the major portion of this course. The overcoming of self-consciousness, and the ability to feel at ease developed to a profitable conclusion. Students intending to teach, may procure voice guidance and qualification in this course or Speech 12.

- 2. Open Forum Discussion.** Winter. M. W. F., 1:30. Three hours credit. Pardoe.

Encouragement and practice in extemporaneous speech and application of speech principles. Methods of vocabulary building.

- 3. *Speech Analysis.** Spring. M. W. F., 1:30. Three hours credit. Pardoe.

The study of masterpieces and models of speech composition. Practice in delivery and analysis. Much of this course is planned for platform practice, extemporaneous and impromptu. Individual needs especially motivated.

- 11. Elementary Elocution.** Autumn. T. W. Th. F., Sec. 1, 8:30; Sec. 2, 9:30. Four hours credit. Morley.

*Classes in speech are divided for best individual attention as registration warrants.

Fundamental principles of speech arts. Thought analysis and methods of expression constitute the major portion of this course.

- 12. Classical Literature.** Winter. T. W. Th. F., Sec. 1, 8:30; Sec. 2, 9:30. Three hours credit. Morley.

Application of the elements of reading to great scenes of classical literature. Voice and body technique are scientifically treated with relation to their importance to the art of interpretation.

- 13. Dramatic Monologue.** Spring. M. W. F., Sec. 1, 8:30; Sec. 2, 9:30. Four hours credit. Morley.

Special attention is given to the dramatic monologue and soliloquy. The ability to project thought analysis without losing the spirit of the selection is given special attention.

- 21. Interpretative Literature.** Autumn. M. W. F., 10:30. Three hours credit. Morley. Courses 11, 12, and 13 are prerequisites.

A study of thought and emotion with relationship to the printed page. Character delineation forms a great portion of the work. American authors are given special consideration.

- 22. Dialogue and Scene Presentation.** Winter. M. W. F., 10:30. Three hours credit. Morley. Courses 11, 12, 13, prerequisites.

The great scenes from Shakespeare, Dickens, Tennyson, Bulwer-Lytton, Goldsmith, and Sheridan form a basis of the course. Character analysis and presentation.

- 42. Practical Phonetics.** Winter. T. Th., 1:30. Two hours credit. De Jong.

A course prescribed for all majoring in speech. Given to aid students to acquire a better understanding of English and foreign diction. (See Department of Modern and Classical Languages, Phonetics 42.)

- 43. Representative Dialect.** Spring. M. W. F., 10:30. Three hours credit. Pardoe. Speech 42 is a prerequisite.

A study of dialect as an element of humor in interpretation. Different dialects are presented.

Upper Division Courses

- 51. Advanced Speech Composition.** Autumn. M. W. F., 8:30. Three hours credit. Pardoe.

An intensive study of the organization of advanced forms of public speaking and practical experience in their delivery.

- 52. Argument and Debate.** Winter. M. W. F., 8:30. Three hours credit. Pardoe. Prerequisite: English 1, 2, 3, or Speech 1 and 2.

A study of the principles of argument followed by a series of debates on current questions. (See English 6.)

- 53. Lecture and Oration.** Spring. M. W. F., 8:30. Three hours credit. Pardoe.

A course designed for students preparing for the mission field and for those who wish to participate in the public speaking activities of the Church. Other students who desire efficiency in the expression of their major subjects, may elect this course.

- 54. Speech Contest Course.** Autumn. T. Th., 10:30. Two hours credit. Pardoe.

This course gives students a scholarly approach to the various current speech contests. The oration, public speech, essay, poetry and dramatic reading will be used in actual contest, judged and rated. Materials for contest will be discussed. The course is designed especially for recreational leaders and Mutual Improvement workers.

- 61. Speech Projects.** Autumn. W., 3:30. One hour credit. Pardoe.

A speech seminar studying individual problems.

- 62. Speech Projects.** Winter. W., 3:30. One hour credit. Pardoe.

A course devised for upper division students for the study of the philosophy and uses of speech.

- 63. Impersonation.** Winter. M. T. Th. F., 3:30. Four hours credit. Pardoe.

An advanced course leading to the reading of full programs. Only those who have built a proper voice foundation and can qualify in courses 1, 2, 11, 12, 13, and 22 are eligible. Public recitals form a good portion of the practice work.

- 71. Stage Craft.** Autumn. M. W. F., 2:30. Two hours credit. Morley. Two classes and one laboratory period a week. It is suggested that students take Art 21 as a preparation for this course.

This is a practical course in design, construction and handling of scenery, costumes, properties and lighting employed in present-day theatrical art.

- 72. Acting.** Winter. M. W. F., 2:30. Two hours credit. Two classes and one laboratory period per week. Advanced students only. Morley.

A study of the principles governing the art of acting will be made. Practical application of the technique learned will be made in productions prepared for the Little Theatre. Instruction in make-up will form part of the course.

- 73. Play Production.** Spring. M. W. F., 2:30. Three hours credit. Three classes and one laboratory period per week. Advanced students only. Morley. Courses 11, 12, 13, 22, prerequisites.

- 77. History of Dramatic Production.** Autumn. T. Th., 1:30. Two hours credit. Pardoe.

The Egyptian, Grecian and Roman Theatre. A study of the means employed in the theatrical presentations during the above periods.

- 78. History of Dramatic Production.** Winter. T. Th., 1:30. Two hours credit. Pardoe.

The Oriental theatre and the European theatre from the Romans to Elizabeth.

- 79. History of Dramatic Production.** Spring. T. Th., 1:30. Two hours credit. Pardoe.

From Elizabeth to the moderns.

- 81-p. Dramatic Technique.** One hour credit per quarter for each recitation per week. Pardoe, Morley, Stewart.

An intensive individual course in advanced interpretation. A careful analysis and study of human emotions and their portrayal, bodily coordination, pantomime, gesture. Time and fee to be arranged with instructor.

- 84-p. Public Speaking.** One hour credit per quarter for each recitation per week. Pardoe, Morley.

An intensive individual course designed for those who desire to concentrate on organization and delivery of the more advanced forms of public speech. Time and fee to be arranged with instructor.

- 87-p. Voice and Speech Improvement.** One hour credit per quarter for each recitation per week. Pardoe, Morley, Stewart.

An intensive individual course designed to help the student acquire good speech habits with particular attention to development of a pleasing, well-modulated speaking voice. Time and fee to be arranged with instructor.

- 91. Methods of Teaching Speech.** Spring. T. Th., 8:30. Two hours credit. Morley.

Organization of high school departments of speech. Selection of materials and methods to be employed in speech teaching. (See Secondary Education 68.)

Graduate Courses

- 131. Technique of Play Writing.** Winter, Spring. Three hours credit. Pardoe.

- 132. Technique of Play Writing.** Three hours credit. The writing and producing of original plays, with emphasis laid upon western themes. The virgin field of mountain and pioneer stories will furnish major material. Time to be arranged. Pardoe.
- 143. Dialect Research.** Spring. M. W. F. Laboratory, two hours per week. Three hours credit. Pardoe. Speech 42 and 43 are prerequisites.
- 153. Lecture and Oration.** Spring. M. W. F., 8:30. Three hours credit. Pardoe.
- 171. Stage Craft.** Autumn. M. W. F., 2:30. Two hours credit. Morley.
- 172. Acting.** Winter. M. W. F., 2:30. Two hours credit. Morley.
- 173. Play Production.** Spring. M. W. F., 2:30. Two hours credit. Morley.
- 177. History of the Drama (Ancient).** Autumn. T. Th. Pardoe.
- 178. History of Dramatic Production (the Oriental Medieval Theatre).** Winter. T. Th., 1:30. Two hours credit. Pardoe.
- 179. History of Dramatic Production.** Includes the Elizabethan period to Ibsen.
- 191. Methods of Teaching Speech.** Spring. T. Th. Two hours credit. Morley.
- 194. Speech Correction.** T. Th. Time to be arranged. Pardoe. Speech 105 a prerequisite.
- 200. Thesis.** Three to five hours credit. Time to be arranged. Individual research upon a problem of importance to speech. Ability to conduct experiments necessary. Subject must be submitted for work during three quarters. Pardoe.

ZOOLOGY AND ENTOMOLOGY

Professor Tanner; Doctors Cullimore, Oaks, Merrill; Mr. Hayward.

Students majoring in this department must complete courses 11, 30, 55, 56, 71, 75, 78, 80, 82, and 94. Substitution of other courses is permitted in special cases. Students are also advised to complete two years of German and French if they contemplate doing advanced work in Zoology or Entomology.

Students who expect to study Medicine may take Zoology for their major subject and complete the courses advised or they may take the following courses: 11, 55, 56, 71, and 72.

Students who desire to teach Biology in the high school should complete the following courses: 11, 30, 55, 56, 58, 65, 69, and 71; Botany 3, 12, and 21.

Facilities for the Study of Zoology and Entomology

The natural history collections consist of a very complete collection of Utah fish, amphibians, reptiles, birds, and mammals. This collection is also supplemented by the Chester Van Buren collection of birds from Magdalena River of Colombia, South America, which consists of over a thousand skins; and the David Starr Jordan collection of fish from the Hawaiian Islands. The entomological collection contains authoritatively named specimens in all the orders of insects. The pinned insects are placed in four hundred trays, 18x19 inches in size, two inches deep. The specimens are pinned in unit boxes. The Lepidoptera collection is a very complete one of Utah and the Great Basin region. It contains over six hundred named species and ten thousand specimens. It is made up of the famous Tom Spalding collection and the Chester Van Buren collection. The Coleptera collection contains over five thousand determined species and thirty-five thousand specimens. It contains a very complete collection of weevils, 280 species from the Blatchley collection.

A well equipped laboratory is maintained at the mouth of Provo River on the east shore of Utah Lake. This provides ample facilities for careful study of this interesting fresh water lake.

ZOOLOGY

Lower Division Courses

11. **General Zoology.** Autumn and Spring. T. Th., 10:30. Laboratory. Autumn. T., 1:30-3:30; Spring. Th., 1:30-3:30. Three hours credit. Tanner, Hayward.

Fundamentals of structure, physiology, development, heredity, adaptations, classifications, and bearing of Biology on human life.

18. **Evolution and Genetics.** Winter and Spring. M. W. F., 10:30. Three hours credit. Prerequisite: Zoology or Botany Laboratory course. Tanner and Hayward.

A course dealing in a general way with the theories and evidences of organic evolution. The laws and physical basis of heredity are studied in the light of their relationship to evolution. A cultural course designed to give fundamental training in biological science.

23. **Animal Ecology.** Spring. M. W., 9:30; Laboratory W., 2:30-5:30. Three hours credit. Tanner.

This course will consist of lectures and field work. The environment, natural habitats, adaptations, relationships of organisms, and distribution of species and communities will be considered.

Upper Division Courses

55. **Invertebrate Zoology.** Winter. T. Th., 8:30. Laboratory M. W., 1:30-4:30. Four hours credit. Tanner, Hayward.

This course is designed to follow Zoology 11, and is intended to give the students a broader knowledge of the morphology and relationship of the invertebrate groups. Much emphasis will be placed upon the invertebrate life of the Great Basin region. Considerable time will be spent on the phylum Arthropoda.

- 56. Vertebrate Zoology.** Spring. T. Th., 8:30. Laboratory, M. W., 1:30-4:30. Four hours credit. Tanner, Hayward.

A general course dealing with the habits and the geographical distribution of the vertebrate species. Much time will be devoted to a study of the fish, amphibians, reptiles, birds and mammals of the Great Basin.

- 57. Ornithology.** Spring. T. Th., 7:30. Laboratory, Th., 1:30-3:30. Three hours credit. Hayward. Prerequisites: Zoology 11 and 56.

A course in the evolution, structure, classification, and distribution of birds, with special reference to the Utah species. There will be several field trips including an all-day trip to Bear River Bay Region.

- 58. Health Education for Teachers.** Autumn, Winter, Spring. T. Th., 1:30. Two hours credit. Cullimore, Oaks, Merrill.

Designed especially for those who are preparing to teach in the public schools. Open to juniors and seniors. This course deals primarily with teachers' particular problems in posture, nutrition, hygiene of the nervous system, detection of physical defects, school room hygiene and sanitation. Botany 21 is recommended as preliminary to this course.

- 59. Ichthyology.** Winter. M. W. F., 8:30. Three hours credit. Tanner.

An introductory course dealing with the problems relating to the life history of fishes, classification of species found in this region, and a study of the ecology of the Great Basin fishes.

- 65. Human Physiology.** Spring. M. W. F., 7:30; Laboratory T., 1:30-4:30. Four hours credit. Cullimore, and Hayward.

This course is designed to give the student a working knowledge of the life processes as they function in man. The properties of living matter will be studied as a basis for understanding the mechanism of

the specialized systems of the human body. Prerequisite: Zoology 11.

- 69. Methods of Teaching Biology.** Autumn or Winter. Two hours credit. Tanner, Martin, Hayward, and Snow.

A courses in the methods of organizing and presenting the subject matter in the high school biology course. Special emphasis will be placed on project methods, demonstrations, laboratory work and on the collection and use of illustrative material.

- 71. Histology.** Autumn. M., 9:30; Laboratory, M. W. F., 1:30-4:30. Three hours credit. Tanner and Hayward.

Microscopic structure of the tissues and organs of animals. Practical training in fixing tissues, embedding, sectioning, staining, and mounting of permanent specimens.

- 72. General Embryology.** Autumn. F., 1:30. Laboratory six hours a week. Three hours credit. Tanner. (Not given this year.)

An introduction to the study of the development of the individual animal. The general topics which are discussed in lectures and studied in the laboratory are the germ cells and their formation, fertilization of the egg, cleavage of the egg, the formation of the germ layers. The origin and development of the organs and organ-systems of vertebrate animals are studied.

- 73. Aquatic Zoology.** Autumn. M. W. F., 9:30. Three hours credit. Tanner.

A general course in the study of fresh water animals of Utah Lake. A study of aquatic habitats is made in connection with field and laboratory work, involving the collection and identification of the more significant invertebrates, the determination of life histories, the study of structural and physiological adaptations, and an analysis of the chemical, physic-

al, and biological factors operative in each complex. A series of lectures dealing with the more fundamental principles of limnology supplement the field and laboratory work. The course is planned for prospective teachers of Biology as well as those who expect to major in Zoology. The work will be conducted at the Lakeside Biological Laboratory which has been established at the mouth of Provo River and on the shores of Utah Lake. A commodious building and equipment provides facilities for the study of the many problems of this fresh water lake.

- 75. History of Biology.** Winter. T. Th., 10:30. Two hours credit. Tanner.

A study of the development of biological thought from the time of the earliest writers to the present.

- 79. Eugenics.** Spring. M. W. F., 10:30. Tanner. (Not given this year.)

This course will stress such problems as, the laws of natural inheritance, population problems, environment, reform, marriage and divorce, and state aid for education. A study of the biological foundations of society will also be made. Prerequisite: some laboratory course in Zoology or Botany.

- 80, 81. Seminar.** Autumn, Winter. One hour credit each quarter. Time to be arranged. Tanner, Hayward.

Required of all majors in this department during their junior and senior years.

- 85. Fresh Water Zoology Problems.** Spring. Time and credit to be arranged. Tanner.

Special problems dealing with the plankton, mollusks, insects, fish, etc., of the lake. Problems will be assigned to individual students. Previous zoological work is a prerequisite. The work will be conducted at Lakeside Biological Laboratory.

- 93. Field Zoology.** Time and credit to be arranged. Tanner.

Open only to students majoring or minoring in Zoology and Entomology. Students may make extensive collections of the animal life of this state or adjoining states and then make a report on the same. The report and collection must be left with the university. This course aims to give the students training in systematic Zoology and museum work.

ENTOMOLOGY

Lower Division Courses

- 30. Elementary Entomology.** Autumn. T. Th. F., 1:30-3:30 Three hours credit. Hayward.

This course is intended to interest students in insect life. A study of the structure, development and classification of some of the more important insects will form a basis of this course.

- 34. Economic Entomology—Field, Orchard and Garden Insects.** Autumn. M. W. F., 2:30-5:30. Three hours credit. Tanner.

A study of the principal injurious and beneficial insects of the field, orchard and garden. Will include field laboratory, and bibliographic work. Prerequisite course 30.

Upper Division Courses

- 61. Morphology of Insects.** Winter. Laboratory. M. T. W. Th., 1:30-4:30. Four hours credit. Tanner and Hayward.

It is the purpose of this course to teach the structures of insects and the importance of these structures in a systematic study of insects. A few typical insects will be thoroughly studied.

- 62. Insect Classification.** Spring. Afternoon laboratory periods to be arranged. Three to five hours credit. Tanner and Hayward.

Students will collect and study systematically the insect fauna of the Provo region. Prerequisite: Course 61.

- 63. Arthropods of the Intermountain States.** Spring. M. W. F., 10:30. Three hours credit. Tanner.

A general course dealing with the morphology, physiology, and classification of the Arthropods of this region. An important course for all majors in Zoology.

- 64. Advanced Entomology.** Winter and Spring. Time and credit to be arranged.

Open only to advanced students who are prepared to do systematic, morphological, or economic work.

- 94. Principles of Nomenclature.** Winter. M., 4:30. One hour credit. Tanner.

A lecture course dealing with the principles of nomenclature and intended to meet the needs of students from any of the biological departments.

Graduate Courses

- 102, 103, 104. Special Problems in Systematic Entomology.** Time and credit to be arranged.

Studies in the structure and classification of certain groups of insects as Coleoptera, Diptera, Hymenoptera, etc.

- 105, 106. Research Work in Insect Morphology.** Time and credit to be arranged.

Special emphasis will be placed upon the morphology of the beetles. However, students may choose any group for detailed study.

- 107, 108, 109. Special Problems in Economic Entomology.** Time and credit to be arranged.

The student is here given an opportunity to make a more or less detailed study of some insect or group of insects of economic importance. Students are encouraged to do considerable life history work.

- 110, 111, 112. History of Entomology.** A one hour lecture or seminar course required of all graduate students. Time and credit to be arranged.

113, 114, 115. Research Work in Systematic and Economic Ornithology. Time and credit to be arranged.

117, 118, 119. Zoological Research. Time and credit to be arranged.

This course is open to all students prepared to do graduate work in any branch of zoological science.

200. Research. Thesis. Credit by arrangement.

This course is required of all students seeking a master's degree in this department.

Extension Division

FACULTY

FRANKLIN STEWART HARRIS, President
LOWRY NELSON, Director
ALFRED OSMOND, English
CHRISTEN JENSEN, History and Political Science
ELBERT H. EASTMOND, Art
AMOS N. MERRILL, Secondary Education
EDWARD H. HOLT, Office Practice
BENJAMIN F. CUMMINGS, Languages
THOMAS L. MARTIN, Agronomy
HUGH M. WOODWARD, Philosophy of Education
WILLIAM J. SNOW, History
T. EARL PARDOE, Speech
M. WILFORD POULSON, Psychology
VASCO M. TANNER, Zoology and Entomology
GERRIT DE JONG, JR., Languages
HERALD R. CLARK, Finance and Banking
GEORGE H. HANSEN, Geology and Geography
ELMER MILLER, Economics
MILTON MARSHALL, Physics
GUY C. WILSON, Religious Education
HARRISON R. MERRILL, English
JOSEPH SUDWEEKS, Religious Education
C. S. BOYLE, Accounting and Business Administration
EFFIE WARNICK, Home Economics
WAYNE B. HALES, Physics and Mathematics
IDA SMOOT DUSENBERRY, Psychology
WILLIAM H. SNELL, Mechanic Arts
ASAE L. C. LAMBERT, Educational Administration
EDGAR M. JENSEN, Educational Administration, Art
ALONZO J. MORLEY, Speech
H. GRANT IVINS, Animal Husbandry
KARL E. YOUNG, English
JOHN E. HAYES, Registrar
KIEFER B. SAULS, Secretary to the President, Purchasing Agent
ELSIE C. CARROLL, English

W. ELMO COFFMAN, Science
ETTA SCORUP, Home Economics
C. LYNN HAYWARD, Zoology
BERTRAND F. HARRISON, Botany
C. LAVOIR JENSEN, Mathematics
A. REX JOHNSON, Accounting and Business Administration
MRS. CHRISTEN JENSEN, English
MRS. NELLIE S. THORNTON, English
J. F. WAKEFIELD, Apiculture
A. A. ANDERSON, Scouting

Never before in the world's history were so many people attending college. But great as has been the increase in enrollment of resident students, it does not compare with the remarkable growth of what has come to be termed "Adult Education." Adults can learn as readily as younger people, if they apply themselves with equal attentiveness. This has been demonstrated scientifically in recent experiments.

Doubtless, the growth of adult education is partly due to the necessity of people learning new things. The development of science and invention has been so rapid in recent years as literally to flood the earth with strange new devices. Old occupations have been destroyed and new ones created. All people have been made aware of the interests and problems of others as a consequence. There has come an amazing demand from the general population for instruction suited to its needs.

The Extension Division brings the University departments of instruction to your door. If you would study history, literature, mathematics, or practically any other subject in the University, you can now study it under expert guidance through the Home Study Bureau.

Directed Home Study

Hundreds of students are enrolled annually in courses, the instruction in which is carried on by the correspondence method. This method has the advan-

tage of placing the student in direct touch with the instructor and allowing him to study at home at hours suited to his convenience.

Extension Division Aims

To render service to those ninety-nine out of every hundred citizens, who, it is estimated, are unable to take advantage of the benefits of attending an educational institution, is the chief aim of the Extension Division of the Brigham Young University. To this end, correspondence courses and extension classes are offered to the public at a reasonable rate. Indeed, instruction by extension methods is more reasonable in Utah, than in the vast majority of states of the Union. Courses may be taken for credit or not.

Method of Instruction

After filing the application for enrollment and paying the fee, the student is sent the assignments of the course. He is given full instruction as to the required reading and preparation of his lesson, including questions to test his knowledge of the ground covered.

After preparing for recitation, the student does the required written work and mails it to the Extension office. This paper is criticized by the instructor, graded and return to the student.

Each correspondence course carries credit equivalent to the corresponding courses in residence and therefore covers a definite amount of work. Most of the courses contemplate the students' preparing about five assignments for each quarter hour of credit received.

Regulations

1. No degree is offered for work done wholly in absence.

2. A student may begin at any time a course for which he is prepared, and must complete it within a year from the time he registers. He must distribute

his reports with approximate evenness throughout the period of study. Each assignment is aimed to cover about a week's study in that particular subject provided the student spends about an hour a day. If he desires to send in more than two assignments a week, he should obtain permission from the instructor. Reports may be rejected if the student attempts to compress his work unduly. This is considered to be a practice which is not conducive to the most satisfactory work.

3. A student may not take correspondence work while in residence without the consent of the Dean concerned.

4. A student who does not report either by letter or lesson within a period of ninety days may thereby forfeit his right to further instruction in the course.

5. Unless otherwise stated examinations are required in all courses before credit is given. These examinations must be supervised by a responsible school official. Where it is convenient, the examination should be taken at the University.

Entrance Requirements

Registration for extension courses demands the same entrance requirements as do courses in residence. That is, matriculation for college courses presupposes sixteen units of high school work. However, exception may be made in favor of mature students, or those who have practically completed their high school work.

Fees

The charge for correspondence courses is at the rate of \$2.50 a credit hour, except as indicated in some courses, with a minimum fee of \$5.00.

Fees will not be refunded because of inability of the student to continue a course for which he has registered. Permission to change to some other course may be given, however.

Extension Classes

The faculty of the school goes out into the com-

munities and organizes regular classes which receive very much the same instruction as do resident students in corresponding courses. These classes are designed to meet the needs of persons who are not resident students of an educational institution. The usual procedure where such a class is desired is for the group to send to the Extension Division for an instructor.

Lectures and Entertainments

Members of the faculty have addressed or entertained in the neighborhood of two hundred thousand people in Utah and surrounding states during each of the past few years. These lectures and entertainments have for the most part been free except for transportation charges. The Extension Division, however, offers a regular lyceum course consisting of high class lectures and entertainments, for which a nominal charge is made.

Social Service

In this department there is included miscellaneous service consisting of recreation, club programs, plays and pageants, visual education, package libraries, etc.

Publications

The Extension Division publishes from time to time circulars of general or specific interest. These circulars may be on any one of a wide number of subjects. In fact, any department of the University may have the opportunity of publishing material through this bureau as far as resources will permit.

Leadership Week

The first annual Leadership Week was held in January, 1922. Since that time it has been an annual event. In January, 1933, the attendance represented 65 stakes of the Church. About twenty short courses were given.

CORRESPONDENCE COURSES

NOTE: Courses marked "x" are either not given in residence or do not correspond precisely to residence courses in the same subject. All other courses parallel residence courses by the same number.

ACCOUNTING AND BUSINESS ADMINISTRATION

1. Elementary Accounting. Five hours credit. Boyle.
2. Elementary Accounting. Five hours credit. Boyle.
- 14x. Commercial Art. Two hours credit. Jensen. Fee \$7.00.
22. Principles of Marketing. Three hours credit. Johnson.
24. Salesmanship. Three hours credit. Johnson.
25. Advertising. Three hours credit. Johnson.
27. Cooperative Marketing. Three hours credit. Nelson.
30. Commercial Geography. Five hours credit. Hansen.
50. Intermediate Accounting. Four hours credit. Clark.
51. Intermediate Accounting. Three hours credit. Clark.
52. Intermediate Accounting. Four hours credit. Clark.
61. Personnel Management. Three hours credit. Boyle.
62. Personnel Management. Three hours credit. Boyle.
63. Personnel Management. Three hours credit. Boyle.
74. Principles of Statistics. Three hours credit. Boyle.
75. Business Statistics. Two hours credit. Boyle.

AGRONOMY

21. Root Crops. Four hours credit. Martin.
22. Cereal Crops. Four hours credit. Martin.
23. Forage Crops. Four hours credit. Martin.
41. Soils. Three hours credit. Martin.
92. Bacteria in Relation to Soil Fertility. Three hours credit. Martin.
94. History of Agriculture. Three hours credit. Nelson.
99. Agricultural Literature. Credit to be arranged. Martin.

ANIMAL HUSBANDRY

2. History of Breeds of Live Stock. Five hours credit. Ivins.
8. Practical Poultry Farming. Three hours credit. Ivins.

ART

- 14x. Commercial Art.** Two hours credit. Jensen. Fee \$7.00.
- 17x. Illustration.** Two hours credit. Eastmond. Fee \$7.00.
- 47. Art Pageantry Production.** Two hours credit. Eastmond.

BOTANY

- 21. General Bacteriology.** Three hours credit. Martin.
- 53x. Local Flora.** Three or five hours credit. Harrison.
- 90. Advanced Systematic Botany.** Harrison.

DRAWING

- 4. Drawing.** Two hours credit. Snell.
- 5. Drawing.** Two hours credit. Snell. Prerequisite 4.
- 6. Drawing.** Two hours credit. Snell. Prerequisite 5.
- 10. Instrumental Perspective.** Two hours credit. Snell. Prerequisite 4, 5, 6, or equivalent.
- 13. Architectural Drawing.** Two hours credit. Snell. Prerequisite 4, 5, and 6.
- 14. Architectural Drawing.** Two hours credit. Snell. Prerequisite 13.
- 15. Architectural Drawing.** Two hours credit. Snell. Prerequisite 14.

ECONOMICS

- 11. Introduction to Economics.** Three hours credit. Miller.
- 12. Principles of Economics.** Three hours credit. Miller. Prerequisite, Economics 11.
- 13. Current Economic Problems.** Three hours credit. Miller.
- 31. Cooperative Marketing.** (See Sociology 53.) Nelson.
- 61. Labor Problems.** Three hours credit. Boyle.
- 93. Economic History of Agriculture.** Three hours credit. Nelson.

EDUCATIONAL ADMINISTRATION

5. Educational Administration. (See Elementary Education.)
Three hours credit.
50. Rural Education. Three hours credit. Merrill.
- 60x. Youth and Its Leadership. Five hours credit. Lambert.

ELEMENTARY EDUCATION

5. School Organization and Administration. Three hours credit.
Lambert.
12. Elementary School Curriculum. Three hours credit. Lambert.
22. Hygiene and Sanitation. Three hours credit. Hayward.

PHILOSOPHY OF EDUCATION

74. Rural Sociology. Three hours credit. Nelson. (See Sociology 53.)
81. Science of Education. Four hours credit. Woodward.
86. History of Education. Three hours credit. Woodward.

SECONDARY EDUCATION

53. Organization and Administration. Three hours credit. A. N. Merrill.
55. Secondary Education in the United States. Four hours credit. Merrill.

ENGLISH

1. Rhetoric and Composition. Three hours credit. Thornton.
2. Rhetoric and Composition. Three hours credit. Thornton.
Continuation of course 1.
3. Rhetoric and Composition. Three hours credit. Thornton.
Continuation of course 2.
4. Business English. Three hours credit. Mrs. Carroll.
5. Newswriting. Two hours credit. Merrill.
11. Advanced English Grammar. Four hours credit.
Young.
- 16x, 17x. Survey of American Literature. Four hours credit.
Mrs. Jensen.

20, 21, 22. Masterpieces of English Literature. Six hours credit.
Mrs. Carroll.

21x, 22x, 23x. Survey of English Literature. Nine hours credit.
Mrs. Jensen.

44x. History and Development of the American Novel. Four hours credit. Osmond.

51. Feature Writing. Two hours credit. Merrill.

50x, 51x, 52x. Readings in World Literature. Six hours credit.
Mrs. Jensen.

53x, 54x, 55x. Readings in World Literature. Six hours credit.
Mrs. Jensen.

57. Short Story Writing. Two hours credit. Osmond.

58x. The Modern Short Story. Three hours credit. Mrs. Jensen.

65. Recent Drama. Three hours credit. Pardoe.

76x. Tennyson. Three hours credit. Mrs. Jensen.

86-1x. The Poetry of Robert Browning. Three hours credit.
Mrs. Jensen.

86-2x. Continuation of 86-1x. Three hours credit. Mrs. Jensen.

FINANCE AND BANKING

51. Business Finance. Four hours credit. Clark.

52. Continuation of 51. Four hours credit. Clark.

53. Money and Banking. Four hours credit. Clark.

54. Investments. Four hours credit. Clark.

GEOLOGY AND GEOGRAPHY

1. Survey Course. Four hours credit. Hansen.

30. Geography of Economic Products. Five hours credit. Hansen.

80. Human Geography. Three hours credit. Hansen.

HISTORY

1x. History of Modern Europe, 1500-1680. Three hours credit.
Snow.

2x. History of Modern Europe, 1680-1815. Continuation of course 1. Three hours credit. Snow.

3x. History of Modern Europe, 1815 to Present Time. Three hours credit. Snow.

18x or 51x. History of Civilization. Four hours credit. Snow.
20, 21, 22. American History. Nine hours credit. Jensen.

HOME ECONOMICS

10x. Elementary Nutrition. Two hours credit. Scorup.
80. Household Administration. Three hours credit. Warnick.

MATHEMATICS

11. College Algebra. Five hours credit. Marshall.
12. Plane and Spherical Trigonometry. Five hours credit.
Marshall.
50. Differential Calculus. Four hours credit. Hales.

GERMAN

18x. Directed German Reading. Three hours credit. Prerequisite, ten hours of German. de Jong.
57x, 58x, 59x. Directed German Reading. Three hours credit for each course. Prerequisite, fifteen hours of German. de Jong.
67x. German Composition. Three hours credit. Prerequisite, eighteen hours of German. de Jong.

FRENCH

18x. Directed French Reading. Three hours credit. Prerequisite, ten hours of French. Cummings.
57x, 58x, 59x. Directed French Reading. Three hours credit for each course. Prerequisite, fifteen hours of French. Cummings.
67x. French Composition. Three hours credit. Prerequisite, eighteen hours of French. Cummings.

SPANISH

18x. Directed Spanish Reading. Three hours credit. Prerequisite, ten hours of Spanish. Cummings.
57x, 58x, 59x. Directed Spanish Reading. Three hours credit for each course. Prerequisite, fifteen hours of Spanish. Cummings.

- 67x. Spanish Composition.** Three hours credit. Prerequisite, eighteen hours of Spanish. Cummings.

OFFICE PRACTICE

- 11-12. Gregg Shorthand.** Eight hours credit.
31. Business English. Three hours credit.

PHYSICAL EDUCATION

- 77, 78, 79. Scoutcraft.** (See Religious Education.) Six hours credit. Anderson.

PHYSICS

- 16. Descriptive Astronomy.** Four hours credit. Hales.
21. Meteorology. Four hours credit. Hales.

PSYCHOLOGY

- 11. General Psychology.** Five hours credit. Poulson.
21. Elementary Educational Psychology. Four hours credit. Dusenberry.
74. Advanced Educational Psychology. Four hours credit. Poulson. Prerequisite, three hours of Elementary Psychology.

RELIGIOUS EDUCATION

- 3x. Church History.** Two hours credit. Wilson.
14. Genealogy. Two hours credit. Sudweeks.
19. Doctrine and Missionary Method. Two hours credit. Ivins.
20. History of Religious Propaganda. Two hours credit. Ivins.
77, 78, 79. Scout Leadership. Six hours credit. Anderson.

SOCIOLOGY

- 11-12 or 55-56. Elementary Principles of Sociology.** Six hours credit. Nelson.
53. Rural Sociology. Three hours credit. Nelson.

SPEECH

- 1. Public Speaking.** Three hours credit. Pardoe.
51. Advanced Public Speaking. Three hours credit. Pardoe.
72. Theory of Play Production. Three hours credit. Morley.

ZOOLOGY AND ENTOMOLOGY

- 20. Health Education.** Three hours credit. Tanner.

32x. Apiculture. Three hours credit. Wakefield.

93. Field Zoology. Credit to be arranged. Tanner.

HIGH SCHOOL COURSES

ENGLISH

d. A Study of the Types of Literature. One unit credit. Mrs. Carroll.

GEOGRAPHY

a. Economic Geography. One unit credit. Coffman.

MATHEMATICS

a. High School Algebra. One unit credit. Jensen.

b. Plane Geometry. One unit credit. Jensen.

c. Second Course in Algebra. One unit credit. Jensen.

d. Solid Geometry. One-half unit credit. Marshall.

Training Schools

AMOS N. MERRILL, Acting Dean of College of Education

EDGAR M. JENSEN, Director, Training Schools

GENERAL SUPERVISORS:

A. N. MERRILL, Secondary Training

M. J. OLLORTON, Higher Grades

HERMESE PETERSON, Intermediate Grades

EMMA BROWN, Primary Grades

SECONDARY SCHOOL FACULTY

EDGAR M. JENSEN, Principal

C. LAVOIR JENSEN, Junior H. S. Mathematics

WM. F. HANSON, Music

W. ELMO COFFMAN, Mathematics and Science

HUGH W. PETERSON, Science

STELLA P. RICH, English

MARGARET SWENSON, Home Economics

GLADYS D. BLACK, English and Latin

BILLIE HOLLINGSHEAD, Social Science

FRED DIXON, Physical Education

EDNA SNOW, Biology

ELEMENTARY SCHOOL FACULTY

HERMESE PETERSON, Principal

MAY C. HAMMOND

BARBARA MAUGHAN

GLADYS KOTTER

GEORGIA MAESER

HAZEL CLYDE

JENNIE CAMPBELL

THELMA LUDLOW

ORGANIZATION AND PURPOSE

The Training Schools are organized on a kindergarten 6-3-3 basis; viz: a kindergarten, an elementary division, a junior and a senior high school.

Students enrolled in the training schools have all the advantages of the University plant such as the use of the libraries, gynasiums, laboratories, shops, athletic fields, auditorium, etc. These enlarged opportunities, with the advantages of expert teachers, make the training schools especially attractive and advantageous to students of elementary and high school age.

Provisions are made for promotions from grade to grade and from one division to another so that pupils may enter either the kindergarten or first grade and remain in continuous attendance until they are graduated from one of the colleges of the University. The educational welfare of the students is safeguarded by an enriched curriculum, in addition, provisions are made for moral and religious training every year the student is in attendance.

Pupils completing the first six grades are regularly promoted to the Junior High School. Here departmentalization begins permitting of variation in courses and a wide range of contact with expert instructors. Entrance to the Senior High School is based upon the completion of the courses outlined for the Junior High School. A maximum of four units plus one year of Theology credit will be allowed for ninth year work to count toward filling group requirements and towards graduation from the Senior High School for those pupils coming from schools which do not maintain a Junior High School.

Students will be graduated from the Senior High School upon completion of twelve units of work in the Senior High School. These twelve units of work must be secured during three years attendance in Senior High School and must include all the constants prescribed for each year and the sequence of courses prescribed in one of the four curricula. Students graduat-

ing from the "General Course," which alone meets definitely the college entrance requirements, must present the following group requirements (1) English, 2 units, (2) a Principal Group of 3 or more units, (3) a Secondary Group of 2 or more units.

Students are required to take the regular courses in physical education during residence at this school. Students are released from this requirement only upon statement of physical disability signed by a competent physician. Satisfactory grades in physical education courses are required for graduation; a maximum of one-half unit of credit may be counted toward graduation for these courses.

All students are required to register for Theology. Students who fail continually to do satisfactory work in their courses in any department will not be permitted to remain in classes.

HIGH SCHOOL ACTIVITIES

Under the direction of the regular teachers and the faculty committee, a full program of athletic and social affairs is provided for the junior and senior high school students.

The senior high school groups have regular social gatherings and recreational activities under faculty supervision and counsel. They have competitive activities in athletics, debating and public speaking, and essay writing. Each year the school produces a play or a musical program. The school is a member of the State High School Debating Association and the Utah High School Athletic Association. In addition to these opportunities for extra-curricular activity a regular High School Student Body organization is maintained with the various activities that naturally are sponsored by such organizations. The high school students have also the advantage of participation in the regular activities of the University student body life.

THE CURRICULA

Four curricula, or four groups of studies, are provided. As early as the ninth year and not later than the tenth year, pupils with the counsel of the parents and teachers, should make a choice of the group of studies (the curriculum) which they propose to pursue during the remaining years of high school study. This choice should be made with the definite intent of staying in that curriculum until graduation. Any marked deviation from recommended sequences in any given curriculum without very valid reasons will not be permitted. Transfer from one curriculum to another will delay graduation.

CREDIT

Those classes which require outside preparation which meet five days each week for full fifty minutes, and which continue for the full school year of 34 or 36 weeks of actual class work carry one unit of credit. In some cases students may transfer nine hours college credit for one unit of high school credit. The half-unit courses meet daily for half the year or two or three days each week with preparation, or meet daily with no outside preparation, and run throughout the year. There are no "quarters" in high school program as there are in the University.

Students who register late or who discontinue before the end of the school year can receive no higher grade than "Incomplete" until the required work of the course is completed. An incomplete grade carries no credit. Such a grade may be removed within one year and credit received.

SECONDARY TRAINING SCHOOL CURRICULUM

Junior High School

7th Grade

Subjects	Periods
English I	5
Geography	5
Mathematics I	5
Reading	2
Music	2
Sewing	2
Manual Training	2
Religion Class	2
Physical Education and Recreation	3

8th Grade

Subjects	Periods
English II	5
History	5
Mathematics II	5
General Science	3
Reading	2
Music	2
Cooking	2
Shop Work	2
Religion Class	2
Physical Education and Recreation	3

9th Grade

Subjects	Periods
English	5
Community Civics	3
Biology	5
Theology	2
Physical Education	3

Electives

Electives	Periods
French B	5
Plain Sewing	2

Art	--
Elementary Drafting	5
Theory of Music	3
Elementary Typing*	5
Algebra	5
Foods or Woodwork	2
Music	2

*Limited Registration.

SENIOR HIGH SCHOOL

Constants (required subjects in all Curricula. Students must register for these subjects).

10th Grade	11th Grade	12th Grade
English B— 5 periods	English C— 5 periods	English D*— 5 periods
Theology B— 2 periods	Theology C— 2 periods	Sociology and Economics— 5 periods
Physical Education	Physical Education	Theology D— 3 periods

*Elective but highly recommended.

Curriculum Group Requirements

According to the curriculum or group of studies chosen to be followed by the student, the following are required subjects for graduation:

(1)

General Course

(Leads to College Entrance)
All Constants for the particular year — 10th, 11th or 12th.

Algebra (unless taken in 9th Grade), or
Plane Geometry

(8)

Agriculture and Mechanics

All Constants for the particular year

Agriculture

Shopwork

Physics or Chemistry (preferably both)

Mechanical Drawing

American History or European
History

Physics or Chemistry

(2)

Home-Making

All Constants for the particu-
lar year

Foods and Cooking

Plain Sewing

Dressmaking

Home Making

Chemistry

Art

(4)

Business

All Constants for the particu-
lar year

Accounting A

Accounting B

Shorthand

Typewriting

Commercial Arithmetic (if not
taken in the 9th year

Note: Curricula 2, 3, 4, will satisfy all requirements for graduation from the Senior High School. They may not meet college entrance requirements; curriculum 1 meets college entrance requirements.

Electives: Courses required in any curriculum group are open as electives to all other Senior High School students who have already met the constants requirements.

A recommended sequence of subjects in the general course, or curriculum (1), is as follows:

9th Year	Periods	10th Year	Periods
English A	5	English B.	5
Algebra	5	Geom. or Algebra	5
Biology	5	Theology B	3
Theology A	2	Physical Ed.	3
Physical Ed.	3	History	5
		Elective	2-5
		Botany	5
11th Year	Periods	12 Year	Periods
English C	5	English D	5
Theology C	3	Theology D	3
Physical Ed.	3	Prob. Democ. or Civics	5
Physics or Geom.	5	Physics or Chem.	5
Am. or Europ. Hist.	5	Physical Ed.	3
Elective	2-5	Elective	3-5
Botany	5	Botany	5

SENIOR HIGH SCHOOL COURSES

Subject	Days	Classification	Year Taken	Credit
Grammar and Literature	5	Constant	10th	1 unit
Composition, Literature and Grammar	5	Constant	11th	1 unit
Literature	5	Constant	12th	1 unit
Dramatic Art	5	Elective	10 to 12	1 unit
Public Speaking	5	Elective	10 to 12	$\frac{1}{2}$ unit
French A	3	Elective	9 to 12	1 unit
French A	5	Elective	10 to 12	1 unit
Latin A	5	Gen. Course	10 to 11	1 unit
Spanish				
European History	5	Gen. Course	10 to 11	1 unit
Botany	5	Second Semester		$\frac{1}{2}$ unit
American History	5	Constant	12th	1 unit
Problems of Democracy	5	Gen. Course	9 to 12	1 unit
Algebra	5	Gen. Course	10 to 11	1 unit
Geometry	5	Several	10 to 12	1 unit
Physics	5	Several	12th	1 unit
Chemistry	5	Gen. Course	10 to 12	1 unit
Geography	5			
Physiology and Hygiene	3	Elective	10th	$\frac{1}{2}$ unit
Foods and Cooking	5	Homemaking	10 to 12	1 unit
Homemaking	2	Homemaking	11 to 12	$\frac{1}{2}$ unit
Plain Sewing	2	Homemaking	9 to 12	$\frac{1}{2}$ unit
Dressmaking	5	Homemaking	10 to 12	$\frac{1}{2}$ unit
Theory of Music	3	Elective	9 to 12	$\frac{1}{2}$ unit
Chorus	4	Elective	10 to 12	$\frac{1}{4}$ unit
Orchestra	5	Elective	10 to 12	$\frac{1}{2}$ unit
Art	2	Elective	10 to 12	$\frac{1}{2}$ unit
El. Accounting	5	Business	10 to 12	1 unit
Adv. Accounting	5	Business	11 to 12	1 unit
El. Typewriting	5	Business	9 to 12	1 unit
Adv. Typewriting	5	Business	10 to 12	1 unit
Shorthand	5	Business	11 to 12	1 unit

Theology	3	Constant	10th	$\frac{1}{2}$ unit
Theology	3	Constant	11th	$\frac{1}{2}$ unit
Theology	3	Constant	12th	$\frac{1}{2}$ unit
Physical Ed. (Girls)		Constant	9 to 12	
Physical Ed. (Boys)		Constant	9 to 12	
Woodwork A. B.	5	Agr. & Mech.	9 to 12	$\frac{1}{2}$ unit
Drafting A. B.	5	Agr. & Mech.	10 to 12	$\frac{1}{2}$ unit
Auto Mechanics	5	Agr. & Mech.	9 to 12	$\frac{1}{2}$ unit

Graduates 1932-33

MASTER DEGREES

Master of Arts

- BUSS, WALTER RICHARD.....Ogden, R. D. No. 2
A. B. Degree, Brigham Young University, 1930.
Major: Geology.
- DEVENPORT, KARL WILLIAM.....Rexburg, Idaho
A. B. Degree, Brigham Young University, 1929.
Major: Educational Administration.
- DIMOND, HATTIE.....Murray, R. D. No. 5
A. B. Degree, University of Utah, 1925.
Major: English.
- EGGERTSEN, CLAUDE A.....Price
A. B. Degree, Brigham Young University, 1930.
Major: Educational Administration.
- HANSEN, BASIL C.....Lehi
A. B. Degree, Brigham Young University, 1933.
Major: Music.
- HODSON, WALDO.....Provo
A. B. Degree, Brigham Young University, 1932.
Major: Physics.
- HUISH, H. PAUL.....Provo
A. B. Degree, Brigham Young University, 1932.
Major: Physics.
- HUTCHINGS, IMRI JOSEPH.....Sandy
A. B. Degree, Brigham Young University, 1932.
Major: Agronomy.
- KIMBALL, OLIVE.....Tucson, Arizona
A. B. Degree, University of Arizona, 1932.
Major: Art.
- POLLY, ORVILLE.....Provo
A. B. Degree, Brigham Young University, 1931.
Major: Chemistry.
- SHEPPARD, GEORGE L.....Pima, Arizona
B. S. Degree, Brigham Young University, 1932.
Major: Physics.
- SMITH, ERNEST PATTEN.....Pleasant Grove
A. B. Degree, Brigham Young University, 1931.
Major: History.

SMITH, ERVINE F.....Pleasant Grove
A. B. Degree, Brigham Young University, 1932.
Major: Physics.

WATSON, HENRY R.....Ogden
A. B. Degree, Brigham Young University, 1932.
Major: Physics.

Master of Science Degrees

BIDDULPH, ORLIN.....Provo
B. S. Degree, Brigham Young University, 1929.
Major: Botany.

CLARKE, ROBERT ALMA.....American Fork
B. S. Degree, Brigham Young University, 1932.
Major: Physics.

CULLIMORE, OWEN S.....Pleasant Grove
B. S. Degree, Brigham Young University, 1932.
Major: Chemistry.

FREI, CLARK.....Santa Clara
B. S. Degree, Brigham Young University, 1930.
Major: Educational Administration.

HUNT, SHELDON ROSS.....Salina
B. S. Degree, Utah State Agricultural College, 1927.
Major: Religious Education.

JOHNSON, VARD H.....Pleasant Grove
B. S. Degree, Brigham Young University, 1932.
Major: Geology.

JONES, HYRUM P.....Pleasant Grove
A. B. Degree, Brigham Young University, 1916.
Major: Religious Education.

WAKEFIELD, JOHN HOMER.....Provo
B. S. Degree, Brigham Young University, 1924.
Major: Botany.

WITTEWER, REED.....Santa Clara
B. S. Degree, Brigham Young University, 1932.
Major: Educational Administration.

BACHELOR DEGREES

COLLEGE OF APPLIED SCIENCE

A. B. Degree

Sauer, Gertrude	Provo
Walker, Lorenzo	Salt Lake City

B. S. Degree

Ashworth, Elizabeth	Provo
Billings, May	Salt Lake City
Binns, Margaret E.	American Fork
Brown, Joseph L.	Grantsville
Cox, William A.	Provo
Crawford, L. Devere.....	Paris, Idaho
Hart, Ray G.	Salt Lake City
Hatch, Fleeta.....	Colonia Juarez, Mexico
Heindselman, Flo Della.....	Provo
Luke, Mabel	Provo
Luke, Melroy	Provo
McConkie, Wayne R.	Moab
Menzies, Charles W.	Provo
Mortenson, Eunice	Ephraim
Peterson, E. Smith	Lehi
Rasmussen, Mabel	Mt. Pleasant
Rowley, Edwarden	Provo
Searle, Kenneth Daniel.....	American Fork
Taylor, Bessie	Manti
Thatcher, Howard L.	Provo

COLLEGE OF ARTS AND SCIENCES

A. B. Degree

Alleman, Ray S.	Springville
Beck, Jay Vern	American Fork
Bringham, Carma	Lovell, Wyoming
Britsch, Ralph A.	Manti
Bryner, A. Lloyd	Helper
Clark, Gean	Provo
Dougall, John M.	Springville
Eyring, Joseph C.	Pima, Arizona
Fletcher, Hazel	Provo
Fujiwara, Takeo	Sapporo, Japan
Haddock, Ray L.	Bloomington, Idaho
Harris, Chauncy D.	Provo
Harrison, Lorna Jensen	Provo
Hart, J. Irel	Rigby, Idaho
Hooks, Bertha	Provo

Hutchings, Theron B.	Midvale
Jones, Horace	Heber
Lewis, Fred A.	Provo
Lott, Wreal L.	Lehi
McConkie, Faun	Moab
Merrill, Harrison J.	Provo
Nelson, S. Call	Provo
Oakley, Dorothy	Provo
Ostler, Dorothy	Salt Lake City
Scott, G. Vernon	Provo
Smith, Lois	Salt Lake City
Sundwall, Anna E.	Fairview
Swenson, Louise	Provo
Taylor, Fenton Wesley	Thatcher, Arizona
Taylor, Virginia	Provo
Tietjen, Naomi	Santaquin

B. S. Degree

Andreasen, Juel LeRoy	Provo
Biddulph, Floyd	Provo
Carroll, Charles Thomas	Provo
Clark, Reed Q.	Mt. Pleasant
Crookston, Elden B.	American Fork
Decker, Lorenzo B.	Provo
Dimick, Dan R.	Nampa, Idaho
Graham, Ellis P.	Fairview
Jacob, H. Wendell	Provo
Jorgensen, Brandt D.	Salem
Smart, Max Neff	Provo
Steele, Jesse F.	Tooele
Vest, H. Grant	American Fork
Wanlass, Glen	Lehi

COLLEGE OF COMMERCE

A. B. Degree

Bunker, E. Carlyle	Provo
Chadwick, Wayne E.	American Fork
Facer, Elden J.	Pocatello, Idaho
Fitzgerald, Harold J.	Draper
Hiller, Walter W.	Provo
Horlacher, Fred C.	Ely, Nevada
Jenkins, W. Clayton	Provo
Whetten, Loren A.	Colonia Juarez, Chih., Mexico

B. S. Degree

Bailey, Harold	Provo
Bird, K. Leon	Springville
Breinholt, Harden W.	Manti
Chipman, D. LuZell	American Fork
Clark, Ward Sheaffer	Pleasant Grove
Decker, Alma V.	Snowflake, Arizona
Eggertsen, Mark D.	Provo
Fisher, J. Dean	Provo
Fox, Feramorz Wilcken	Salt Lake City
Hardy, McVal	Provo
Harmer, Louis Jesse	Mapleton
Harrison, Robert B.	Springville
Hatton, Karl W.	Kanosh
Hill, Kelsey, J.	Springville
Johnson, Kirt W.	Manti
Jones, Archie Gilbert	Provo
Jones, Lawrence	Provo
Kimball, Gardner	Kanosh
Larsen, H. Gordon	Provo
Matthews, Weldon C.	Midvale
Murdock, Stephen Royal	Provo
Oipin, Ralph S.	Pleasant Grove
Robertson, Joseph A.	Fountain Green
Roundy, Amanda Ione	Provo
Rowe, Grant Browning	Provo
Spencer, Leland	Provo
Steed, Dean Robert	Farmington
Sumslon, J. Clyde	Provo, R. D.
Vincent, Rowe H.	Provo
Wilson, J. Harold	Payson

COLLEGE OF EDUCATION

A. B. Degree

Ballif, Eva	Preston, Idaho
Clark, Owen Morrell	Farmington
Huish, Florence F.	Provo
Kerr, J. Gleason	Idaho Falls, Idaho
McBride, Karl	Pima, Arizona
McGregor, Karma	St. George
McLean, Fanny G.	Salt Lake City
Montgomery, Edna	Heber
Nelson, Eliza	Provo
Nuttall, Maurice	Overton, Nevada
Stewart, Lucille	Mt. Pleasant
Tobler, Ezra	St. George

B. S. Degree

Batchelor, Joie	Provo
Bean, Helen	Provo
Bennett, Lowell R.	Meadow
Broadbent, Leah	Heber
Coleman, Aline	Provo

Collins, Bessie	Provo
Cooper, Geo.	Panguitch
Dangerfield, Grace	Provo
Doty, George Ellis	Richmond
Douglass, Phyllis N.	Payson
Ellett, Arthur	Spanish Fork
Gardner, George Grant	Levan
Gee, Elwood A.	Provo
Gubler, Ovando	LaVerkin
Hafen, Grant	Santa Clara
Hales, Iman	Deseret
Hansen, Ray W.	Mt. Pleasant
Hartle, Lida	Vernal
Harris, Alvin	Protage
Hettig, Florence Speckart	Provo
Hone, Earl Dee	Brigham City
Jensen, Elliott E.	Manti
Johnson, Maureen M.	Mora, New Mexico
Jones, Rulon A.	Cedar City
Laker, Willard E.	Price
Leavitt, Francis H.	Bunkerville, Nevada
LeSueur, Malcolm F.	Mesa, Ariz.
McAllister, Ellis	St. George
McAllister, John S.	St. George
McOmie, Robt.	Pleasant Grove
McPherson, Margaret	Springville
Madsen, Eardley B.	Ephraim
Mallory, Gladys C.	Afton, Wyoming
Mallory, John C.	Afton, Wyoming
Manson, George W.	Provo
Menzies, Belva	Provo
Miller, Florence	Provo
Morley, Eloise Stewart	Provo
Nelson, Robert A.	Spanish Fork
Nelson, Thelma Jane	Springville
Nielson, Otis P.	Fairview
Peterson, John Lowell	Kaysville
Pierce, Cleo	Springville
Poulson, Marion W.	Provo
Robinson, Orpha	American Fork
Romney, Antone Kimball	Provo
Romney, Elwood Snow	St. George
Scott, Ida Belle	Provo
Simper, Wayne	Murray
Smart, Henriette Neff	Provo
Smith, J. Earl	Payson
Starr, Inez	Springville
Swenson, Margaret Davis	Provo
Towers, Esther V.	Eureka
Vest, William Veloy	Monah
Wentz, Myrl	Provo, R. D.
White, Florence M.	St. Anthony, Idaho

COLLEGE OF FINE ARTS

A. B. Degree

Hansen, Basil C.	Lehi
Hanson, Wilma	Spanish Fork
Ivins, Fawn	Lund, Nevada
Jackson, Vera	Provo
Jensen, Norma	Ogden
Madsen, Emily	Duchesne
Madsen, Farrell D.	Fairview
Mensel, Dorothy	Provo
Nash, Edith	Springville
Paxman, Lota	Provo
Phelps, Maxine	Mesa, Arizona
Redden, J. Mervin	Provo
Robbins, Claude	Moreland, Idaho
Romney, Leona	Chicago, Illinois
Smoot, Fern	Provo
Taylor, Ethel Rogers	Provo
Webb, Fred N.	Provo
Woodhouse, Clara	Beaver

B. S. Degree

Cornaby, Floyd V.	Benjamin
Dean, Harry A.	Provo
Hathcock, Luella Ward	Preston, Idaho
Johansen, Vernon	Mt. Pleasant
Johnson, Georgiana	Provo
Terry, Elvis B.	Ammon, Idaho
Woolston, Harold	Lehi

NORMAL DIPLOMA

Acord, Irma	Provo
Bellander, Marthella	Baker, Nevada
Bird, Helen	American Fork
Bowles, Virginia	Nephi
Clark, Mary	Brigham City
Clayson, Ann	American Fork
Davies, Afton	Provo
Frost, Melba	Coalville
Gillman, Rhea	Pleasant Grove
Gines, Erma	Roosevelt
Greenwood, Lois	American Fork
Halliday, Susie	Circleville
Hansen, Afton	Bear River City
Hansen, Esther M.	Boulder
Hansen, Norma	Vernal

Hansen, Norma D.	Spanish Fork
Hancock, May	Payson
Hanks, Edna	Salem
Harding, Ruth	Payson
Heckethorn, Pearl	Garrison
Hilton, Hope Fay	Hinckley
Holt, Bernice	Sandy, R. D.
Hoyt, Louise	Kamas
Huff, Ina	Spanish Fork
Jackson, Ellen	Provo
Jensen, Ray	Manassa, Colorado
Johnson, Marie	Provo
Jones, Merle	Overton, Nevada
Knudsen, Ruth	Provo
McDonald, Alda	Heber
Marrott, Margaret	Pleasant Grove
Nixon, Beulah	Holden
Ottosen, Helen	Nephi
Parrish, Beth	Morgan
Peacock, Morris	Orangeville
Phillips, A. LaVon	American Fork
Redd, Merene	Blanding
Rasmussen, Crystal	Ferron
Roberts, Bee	Delta
Roberts, Zoe	Delta
Sargent, Ned	Panguitch
Sherranian, Lorraine M.	Murray
Simkins, Marie	Springville
Simpson, Grace	Mt. Pleasant
Skeem, Leona I.	Oasis
Sterling, Mary Helen	Spanish Fork
Stillman, Elise	Richfield
Tervort, Wilma	Payson
Walker, Jennie	Pleasant Grove
Washburn, Emily	Draper
Whiting, Ruth	Mapleton
Wing, Arva D.	Lehi

GRADUATES WITH HIGH HONORS

Alleman, Ray
Ballif, Eva
Breinholt, Harden W.
Bringham, Carma
Britsch, Ralph
Coleman, Aline
Fisher, J. Dean

Harris, Chauncy D.
Johnson, Maureen M.
McConkie, Faun
Olpin, Ralph S.
Roundy, Amanda I.
Tietjen, Naomi
Whetten, Loren A.

GRADUATES WITH HONORS

Ashworth, Elizabeth
Binns, Margaret E.
Clark, Gean
Cornaby, Floyd
Facer, Elden J.

Fletcher, Hazel
Harrison, Lorna J.
Luke, Mabel M.
Smith, Lois
Tobler, Ezra
Woodhouse, Clara

Enrollment of Students

1932-33

In the following list "a" stands for arts and sciences; "ap" for applied science; "c" for commerce; "e" for education; "fa" for fine arts; "ss" for summer school; "G" for graduate; "S" for senior; "J" for junior; "So" for sophomore; "F" for freshman; "Un" for unmatriculated; and "Sp" for special.

Aagard, Burnell, c-S	Provo	Anderson, H. Duane, e-J	Salina
Aagard, Laurel, a-F-ss	Fountain Green	Anderson, Hazel, fa-F	Springville
Abbott, Ernest, c-S	Provo	Anderson, Helena, a-F	Fairview
Acord, Irma, e-So	Provo	Andersen, Jennie, ss	Provo
Acord, L. Earl, ss-Sp-c	Castle Gate	Anderson, Kenneth G., e-S-ss	Clear Creek
Adams, D. Stanley, ss	Grantsville	Anderson, LeGrande, G	Huntington Park, Calif.
Adams, John H., a-F	Provo	Anderson, Leland E., ss	Manti
Adams, Leon Wm., a-F	Monticello	Anderson, Leta M., fa-F	Huntington Park, Calif.
Adams, Milo J., fa-F	Spanish Fork	Anderson, Loren, ss	Spanish Fork
Adams, William T., a-F	Provo	Anderson, Paul E., c-S	Provo
Adamson, Zelma, c-Sp	Provo	Anderson, Paul S., c-So	Emery
Agren, Eileen, ss	Ogden	Anderson, Reed G., a-J	Idaho Falls, Idaho
Ahern, Marion S., e-F	Provo	Anderson, Mrs. W. K., fa-Sp	Provo
Alder, Don M., c-So	Provo	Anderson, Verda, fa-Sp	Lehi
Aldous, Gladys, ss	Ogden	Anderson, Victor C., ss	Provo
Aldrich, Edith M., ss	Mt. Pleasant	Andreason, Juel L., a-S	Provo
Aldrich, Ray M., c-J	Mt. Pleasant	Andrus, Grant M., ss	Ucon, Idaho
Allan, Blaine W., ap-J	Salem	Arbon, J. Theodore, ss	Snowville
Allan, Verna B., fa-J	Springville	Arbon, Lucretia N., ss	Am. Fork
Alleman, Helen, ss	Springville	Armitstead, Phyllis, e-F	Lehi
Alleman, Jane, ss	Springville	Armstrong, Harold C., a-J	Ogden
Alleman, Ray S., a-S-ss	Springville	Arnold, John T., ss	Huntington
Allen, C. Clinton, a-J	Goshen	Arnold, Judith, c-F	Coaville
Allen, Genevieve M., e-Sp	Provo	Arrowsmith, Jessie B., e-J	Provo
Allen, Florence I., a-F	Provo	Ashby, George M., a-J	Leamington
Allen, Irma C., ap-F	Goshen	Ashby, R. Morrell, a-J	Am. Fork
Allen, Robert K., G	Provo	Ashby, Orran T., a-So	Leamington
Allen, Ruth J., a-Sp	Provo	Ashby, Wm. Cropper, a-F	Am. Fork
Allred, Charles M., a-F	Grantsville	Ashworth, Elizabeth, ap-S	Provo
Allred, Elwood B., ss	Escalante	Atkin, Wesley H., e-F	St. George
Allred, David H., ap-J	Raymond, Alberta, Canada	Atwood, Millen, c-F	Charleston
Allred, Fay D., ss	Provo	Aycock, Thomas E., c-S	Vernal
Allred, Fullmer, a-F	Lehi	Aycock, Zella, e-SO	Vernal
Allred, Iris F., a-Sp	Grantsville	Bahr, A. Francis, ap-F	Roosevelt
Allred, Milan R., fa-F	Lehi	Bailey, Harold, c-S	Provo
Allred, Moreho V., ap-So	Lehi	Baird, Bertha, ss	Byron, Wyoming
Allred, Ruth, fa-Sp	Raymond, Alberta, Canada	Baird, Elva L., ss	Brigham City
Amaru, WiPere K., a-J-ss	Tolaga Bay, New Zealand	Baker, A. Loretta, fa-F	Beaver
Anderson, Ada, G	Provo	Baker, Shirley D., G	Beaver
Anderson, Afton, e-J	Magna	Ball, A. Elden, fa-F	Idaho Falls, Idaho
Anderson, Archibald H., ss	Mt. Pleasant	Ball, Phyllis, e-F	Soda Spgs., Ida.
Anderson, Bert D., c-So	Provo	Ball, Roberta, c-F	Lehi
Anderson, Duane P., a-J	Gunnison	Ball, Uarda, ap-J	Idaho Falls, Idaho
Anderson, Emma G., ss	Am. Fork	Ball, Wilburn N., ap-So	Lehi
Anderson, Frank B., ss	Rexburg, Ida.		

Ballard, O. Duane, c-So	Draper	Bennion, Deane, G	Vernal
Balle, Harry R., e-J	Glenwood	Bennion, Lowell S., ap-So	Tooele
Ballif, Ariel S., ss	Menan, Idaho	Bennion, Marinda, ap-F	Murray
Ballif, Carma, G-ss	Preston, Idaho	Bennion, Milton L., ss	Sandy
Ballif, Eva, e-S	Preston, Idaho	Benson, Valdo D., c-So	Whitney, Ida
Ballif, Karl G., ap-J	Preston, Idaho	Bentley, LeRoi, ss	Tooele
Ballif, F. Royal, c-So	Preston, Ida.	Bergeson, Clarence A., e-F	
Banks, Elias, ap-Sp	Provo		Salt Lake City
Banks, Karl, ss	Pleasant Grove	Berry, Effie, e-So	Phoenix, Arizona
Banks, Wallace, ap-F	Lehi	Berry, A. Kay, a-F	Phoenix, Arizona
Barker, Ellen, G	North Ogden	Berrey, Alfonso G., ss	
Barlow, Francis, e-F	Grouse Creek		Montpelier, Idaho
Barnes, Alta L., e-f	Wellington	Berrey, Esma, ss	Montpelier, Idaho
Barnett, Shirley B., c-J	Salem	Berry, Wilmont E., a-So	Provo
Barraclough, Don A., ap-S	Beaver	Berrett, Edward H., ss	Provo
Bartholomew, Edith, ss	Payson	Berg, Veva, ss	Provo
Barton, Hattie R., ss	Blanding	Best, Stanley E., ss	Sanford, Colo.
Barton, J. Cullen, a-F	Beaver	Bertotte, George, a-So	Oakland, Calif.
Barton, Mary Ann, ss	Elko, Nevada	Bethers, Carol, c-So	Heber
Barton, Richard B., c-J	Provo	Bethers, Hazel, e-J	Heber
Basinger, Kenneth, a-So	Meade, Kan.	Bethers, Norma, c-F	Heber
Basinger, Walter, G	Missler, Kan.	Biddulph, Floyd, a-S	Provo
Bastian, J. Rulon, ss	Alamo, Nevada	Biddulph, Orlin, ss	Provo
Bastian, Weldon W., fa-F	Vernal	Bigelow, Margaret, fa-Sp	Provo
Batchelor, Joie, e-S-ss	Provo	Bigelow, Percival P., ap-Sp-ss	Provo
Bateman, Harold M., fa-J	West Jordan	Bigler, Hazel A., a-Sp	Provo
Baxter, Hugh A., ss	Springville	Billings, Harold P., a-F	Duchesne
Bayles, Mary, ap-J	Blanding	Billings, M. May, ap-J-ss	Provo
Bayles, Wesley L., a-J	Blanding	Bingham, Elva A., fa-F	Ogden
Bayles, Weston L., G-ss	Blanding	Bingham, James W., ss	
Bean, Clara B., ss	Payson		Montrose, Colo.
Bean, Delbert I., a-F	Price	Bingham, Klara, fa-So	Spanish Fork
Bean, Helen, e-S-ss	Payson	Bingham, Sanford M., a-F	Am. Fork
Bearnsen, Bertha, ss	Spanish Fork	Bingham, Victor L., c-F	Vernal
Beck, Jay V., a-S	American Fork	Binns, Ellen, ap-F	Am. Fork
Beck, J. Milton, a-F	Payson	Binns, Margaret E., ap-S	Am. Fork
Becker, Teut, a-F	Bend, Oregon	Bird, Helen, e-So	Am. Fork
Beckerman, Verda S., e-So		Bird, Howard A., c-J	Springville
	Las Vegas, Nevada	Bird, K. Leon, c-S-ss	Springville
Beckstrom, William R., a-F		Bird, Marcell W., fa-So	Mendon
	Spanish Fork	Bird, Margaret, fa-So	Springville
Bee, Hazel R., a-Sp	Provo	Bissell, Harold J., a-J	Springville
Bee, Laurence S., c-F	Provo	Bjerregaard, George W., c-So	Provo
Beelar, Lucian A., c-J	Provo	Black, Dixie C., fa-F	Blanding
Beelar, Virgie Ann, c-Sp	Provo	Black, Glen W., e-F	Ferron
Belarsky, Sidor, ss	Lungrad, Russia	Black, Golden H., ss	Delta
Bellander, Marthella M., e-So		Black, Joy, e-So-ss	Fillmore
	So. Baker, Nevada	Black, LeGrand, a-F	Delta
Bellison, Harold W., c-F	Nephi	Black, Mary, ap-F	Delta
Belnap, Aldythe, ss	Almo, Idaho	Black, Ronald, e-F	Ferron
Bench, Leonora, ap-So	Fairview	Black, W. Zemira, a-F	Blanding
Bench, Rees E., G	Provo	Blackwell, Harry, c-Sp	Pleas. Grove
Beniams, Herman N., G	Provo	Blake, Max J., a-F	Provo
Benedict, Lenora J., e-F		Bleak, Grace, c-F	Las Vegas, Nev.
Bennett, Barta, ss	Holden	Blight, Alexander, ss	Eureka
Bennett, Erma, ss	Provo	Bloomfield, Owen F., ap-F	
Bennett, Faun A., ss	Deseret		Kirtland, New Mexico
Bennett, Leslie, ss	Hinckley	Bodily, Angus S., c-Un	Preston, Ida.
	Las Vegas, Nevada	Boel, Joseph M., a-Sp	Provo
Bennett, Ivan O., a-F	Meadow	Bone, George I., a-So	Lehi
Bennett, Lowell R., e-S	Meadow	Bone, Orren A., a-F	Lehi
Bennett, Marie G., a-Sp	Provo	Bonnett, Ann, e-F	Provo
Bennett, May, c-Sp	Provo	Booth, Wilson, a-So	Provo
Bennett, Muriel L., a-Sp		Bounous, Chester C., ap-J	Provo
	Salt Lake City	Bowdish, Palmer R., ss	Provo

- Bowdish, Willa A., ss _____ Provo
 Bowen, Allie, e-S _____ Spanish Fork
 Bowen, Jennie Mae, ap-F _____ Sp. Fork
 Bowen, Wendell M., c-So _____ Sp. Fork
 Bower, Bernice G., c-J _____ Provo
 Bower, Helen L., a-So _____ Provo
 Bown, Lynn F., a-F _____ Provo
 Bown, Myron S., ap-F _____ Provo
 Bowles, Virginia, e-So _____ Nephi
 Boyack, Clifford D., a-So _____ Delta
 Boyack, Halden, a-F _____ Delta
 Boyack, Ross D., ap-Sp. _____ Sp. Fork
 Boyce, Paul E., a-F _____ Provo
 Boyden, Bess, ap-So _____ Provo
 Boyd, Walter G., c-So _____ Oakland, Calif.
 Boyer, Helen, a-Sp _____ Springville
 Boyer, Louise, a-Sp _____ Provo
 Boyer, Margaret, fa-F _____ Provo
 Boyle, Clarence S., ss _____ Provo
 Boyle, Elsie B., ss _____ Provo
 Boyle, Minnie W., e-Sp _____ Provo
 Boynton, Judd E., a-Un _____
 _____ Berkeley, Calif.
 Boyson, Rulon, a-J _____
 _____ Raymond, Alberta, Canada
 Bradshaw, Wm. Ray, c-J _____ Hurricane
 Brady, Ed. L., fa-J _____ Castle Dale
 Brady, Leo J., a-F _____ Manassa, Colo.
 Brady, Millard F., c-So _____
 _____ Manassa, Colo.
 Brady, William W., ss _____ Castle Dale
 Braithwaite, Lola R., ss _____ Arco, Idaho
 Bramwell, Wendell, c-S _____ Ogden
 Brasher, Kirk L., ap-So _____ Huntington
 Braun, Gordon E., a-J _____ Ogden
 Breinholt, Harden W., c-S _____ Manti
 Breinholt, Herbert C., fa-Sp _____ Provo
 Breinholt, Veola, e-J _____ Redmond
 Brewer, Harold J., e-So _____
 _____ St. Charles, Idaho
 Briggs, Vella, fa-J _____ Pocatello, Idaho
 Bright, Lynn T., fa-J _____ Lewiston
 Brimhall, A. DeVoe, c-F-ss _____ Provo
 Brimhall, W. Smoot, ap-F _____ Provo
 Bringham, Carma, a-S _____ Lovell, Wy.
 Brinley, Eldon, ss _____ Pleasant Grove
 Brinley, J. Harold, ss _____
 _____ Las Vegas, Nevada
 Britsch, Ralph A., a-S _____ Manti
 Broadbent, Charles L., c-F _____ Heber
 Broadbent, Leah, ss-E-sp _____ Heber
 Broadbent, Marden, ap-J _____ Heber
 Broadbent, Maurice, fa-F _____ Provo
 Broadbent, Mary, c-So _____ Heber
 Broadbent, Mima, e-F _____ Heber
 Broadbent, Thora D., ss _____
 _____ Thatcher, Arizona
 Brockbank, Ila, e-S _____ Provo
 Brockbank, Mark J., ss _____ Spanish Fork
 Brockbank, Starr L., a-F _____ Span. Fork
 Brooks, Margaret, e-J _____ St. George
 Brooksby, Irene, ap-F _____ Fredonia, Ariz.
 Brossard, Greta J., e-J _____ Rigby, Idaho
 Brown, Aaron G., c-F _____ Salt Lake City
 Brown, Fay, a-Sp _____ Provo
 Brown, Fay, c-F _____ Spanish Fork
 Brown, Frank K., ss _____ Salt Lake City
 Brown, Howard W., c-So _____
 _____ Burley, Idaho
 Brown, Jack A., fa-So _____ Manti
 Brown, Jennie, e-J _____ Parker, Idaho
 Brown, Joseph L., ap-S _____ Grantsville
 Brown, June M., e-F _____ Lovell, Wy.
 Brown, LaJune, ap-F _____ Salt Lake City
 Brown, Lawrence A., c-Un _____ Provo
 Brown, Martha R., ap-F _____ Draper
 Brown, Mary, ap-J _____ Grantsville
 Brown, Myrlan G., c-F _____
 _____ St. Johns, Arizona
 Brown, Newel K., c-F _____ Burley, Idaho
 Brown, Ralph Wm., e-S _____ Grantsville
 Brown, Roy J., a-So _____ Pleasant Grove
 Brown, Zelma Driggs, a-So _____
 _____ Pleasant Grove
 Brown, Zina Lou, a-F _____ Salt Lake City
 Brown, Zola G., ap-F _____ Salt Lake City
 Bruce, Winona M., e-F _____ Smoot, Wy.
 Brugger, Gwen, ap-J _____ Venice
 Brunt, A. William, c-J _____
 _____ Idaho Falls, Idaho
 Brunt, Clarice, ap-J _____
 _____ Idaho Falls, Idaho
 Brunt, Lavon, fa-F _____
 _____ Idaho Falls, Idaho
 Brunt, Paul S., c-Un _____
 _____ Idaho Falls, Idaho
 Bryner, A. Lloyd, a-S _____ Helper
 Bryner, Louis P., a-F _____ Helper
 Buckley, John, fa-Sp _____ Provo
 Buckley, Margaret, c-Sp _____ Provo
 Buckwalter, LuRae, fa-So _____ Am. Fork
 Bullock, J. Orval, ap-F _____ Pleas. Grove
 Bunderson, Grant V., ap-F _____ Mayfield
 Bunderson, Joseph, ss _____ Emery
 Bunderson, Leila V., e-J _____ Emery
 Bunker, E. Carlyle, c-S _____ Provo
 Bunnell, Elvin, a-J _____ Provo
 Bunnell, Morris, e-J _____ Spring City
 Bunnell, S. Reese, e-J _____ Spring City
 Bunten, Ernest S., a-F _____ Am. Fork
 Bunten, Glenn, a-So _____ Am. Fork
 Burch, Bessie B., a-J _____ Pleasant Grove
 Burton, Blanche, c-Sp _____ Nephi
 Burton, Jack E., ap-F _____ Provo
 Buss, Walter R., G _____ Ogden
 Butler, Hyrum A., fa-Un _____
 _____ Oakley, Idaho
 Butt, Ethel C., G _____ Provo
 Buttle, Grant B., c-S _____ Provo
 Calder, Helen, ap-So _____ Vernal
 Calder, Neldon H., a-F _____ Vernal
 Caldwell, Alfred, a-F _____ Vernal
 Call, Helena, ap-J _____ Pocatello, Idaho
 Call, Lorna, ss _____
 _____ Colonia Dublan, Chih., Mexico
 Call, Tracey G., a-F _____ Afton, Wyoming
 Call, Verna, ap-Sp _____ Provo
 Call, Wm. Vivian, a-F _____ Bountiful
 Callahan, W. Guy, a-So _____ Provo

- Calder, Ruth, c-F Vernal
 Cameron, David, a-Un Panguitch
 Campbell, Henry A., c-F Provo
 Campbell, Jennie, ss Provo
 Campbell, Marian, ap-Un Provo
 Campbell, Orson D., ss Provo
 Campbell, Roald F., ss Moore, Idaho
 Candland, Willis E., a-S Provo
 Cannon, Anthon S., ss Farmington
 Cannon, Edith, ap-F Bountiful
 Cannon, Flora M., ss Grantsville
 Cannon, Hugh S., c-F Farmington
 Cannon, Kenneth L., ap-So
 Salt Lake City
 Card, Brigham Y., c-So
 Cardston, Alberta, Canada
 Cardall, Hannah J., ss Provo
 Carey, Richard W., fa-F Provo
 Carling, J. Junius, c-So Fillmore
 Carr, William C., c-J
 Auckland, New Zealand
 Carrigan, James Wm., a-J Peterson
 Carroll, Charles T., a-S Provo
 Carson, Max, c-F Salem
 Carter, Allen J., a-J Helper
 Cartwright, Alfred, ap-So Beaver
 Cartwright, Aubra, c-J Beaver
 Casto, James F., a-F Koosharem
 Chadwick, Effie M., G-ss Yost
 Chadwick, Rae, ss Liberty
 Chadwick, Vera E., ss Liberty
 Chadwick, Wayne E., c-S Am. Fork
 Chambers, Lee H., a-J Spanish Fork
 Chapple, Virginia, a-So Spanish Fork
 Chatwin, Gilbert, c-F Salt Lake City
 Chauncey, H. Childs, ss Springville
 Checketts, Norine, c-F
 Bear River City
 Cherrington, Elsie, e-J
 Oakland, Calif.
 Childs, Myrtle, ss Springville
 Chipman, Louise D., c-F Am. Fork
 Chipman, D. LuZell, c-S Am. Fork
 Chipman, Ora H., ss Am. Fork
 Choules, Donald, c-F Provo
 Christensen, Arla Dean, ss Hinkley
 Christensen, Arlo L., c-Un Richfield
 Christensen, Cleopha E., ss Moroni
 Christensen, Eva, a-F Provo
 Christensen, Golda A., c-F
 Manassa, Colo.
 Christensen, Helen, ap-J Provo
 Christensen, Ida B., ss Richfield
 Christensen, Ione, e-J Redmond
 Christensen, Owen J., a-F Fillmore
 Christensen, Phil, fa-So Provo
 Christensen, Ruby, c-F Lehi
 Christensen, Ruth, fa-Sp Provo
 Christensen, Zella M., ap-Sp Provo
 Christiansen, Louise, ap-F
 Pleasant Grove
 Christiansen, Waid S., ap-Un
 Richfield
 Christopherson, W. Lynn, a-F
 Spanish Fork
 Clark, Adelia M., ss Idaho Falls, Ida.
 Clark, Allie W., ss Provo
 Clark, Arvilla, ss Pleasant Grove
 Clarke, Bertha E., e-So Am. Fork
 Clark, Boyce R., a-F Morgan
 Clark, Cecile, ap-Un-ss Provo
 Clark, Ernest, ss Alton, Wyoming
 Clark, Gean, a-S Provo
 Clark, James R., c-F Grantsville
 Clark, John Wm., ap-F Lehi
 Clark, J. Kyle, a-J Provo
 Clark, Lucius, ss Idaho Falls, Ida.
 Clark, Mable H., c-Sp Provo
 Clark, Mary, e-So Brigham
 Clark, O. Morrell, c-S Farmington
 Clark, Reed Q., ss-Sp Mt. Pleasant
 Clark, Riley G., a-J-ss Provo
 Clark, Sibyl, c-F Bountiful
 Clark, Walter J., a-F Berkeley, Calif.
 Clark, Ward S., c-S-ss Pleas. Grove
 Clark, Ruth, ss Provo
 Clarke, Thomas F., a-J-ss
 Tolga Bay, New Zealand
 Clarke, Robert A., G Am. Fork
 Clawson, FaNon, ap-F Spring City
 Clayson, Ann, e-So Am. Fork
 Clayson, Inez, c-F Payson
 Clayson, Merrill D., ss Am. Fork
 Clinger, Morris M., G Provo
 Cloward, Cora, ss Spanish Fork
 Cluff, Edna, a-Sp Provo
 Coburn, Oscar V., ss Ogden
 Coo, Sterling D., a-F Provo
 Coffin, Carma, ap-F
 St. Anthony, Idaho
 Coffman, W. Elmo, ss Springville
 Colby, Donald B., fa-So Salina
 Cole, Eva C., ap-F Arimo, Idaho
 Coleman, Aline, e-S-ss Provo
 Collett, Farrell R., G
 Idaho Falls, Idaho
 Collier, Vernon, a-Un Vernal
 Collins, Bessie M., ss Provo
 Collins, Don, a-F Provo
 Collins, Lucile, fa-Sp Provo
 Colvin, Harold A., G Provo
 Comish, Alison, e-J Eugene, Oregon
 Conder, Vera H., e-J Provo
 Condie, LeRoy, ss St. George
 Condie, Vernon C., ap-J Springville
 Condon, Cyril L., fa-Sp Provo
 Condon, David deLancey, G Provo
 Conover, S. Elizabeth, ap-J Provo
 Conover, W. Harrison, c-J Provo
 Cook, Helen, fa-J Paris, Idaho
 Cook, Zelpha, ap-F Vernal
 Coombs, Dora, e-So-ss Fairview
 Coombs, Ellis D., ss Fairview
 Coombs, H. Ross, ss Fountain Green
 Coombs, Leslie, a-F Fairview
 Coombs, Retta, e-J
 Cardston, Alberta, Canada
 Cooper, George N., c-S Panguitch
 Cooper, Virginia, c-F Vernal
 Cooper, Zelma, ss Overton, Nevada

Cornaby, Floyd V., fa-S-ss Benjamin
Cottam, Earl B., ap-J Provo
Cottam, Howard R., G Provo
Cottam, Rulon V., c-J St. George
Cowan, Ada L., c-F Provo
Cowan, Alex S., c-F Nephi
Cowan, Reed F., c-So Payson
Cowley, Edwin J., c-J Provo
Cowley, Virginia M., e-So Provo
Cowley, Wayne A., G Venice
Cox, Dawna Lynne, fa-F Soda Springs, Idaho

Cox, Ruby, e-F Provo
Cox, William A., ap-S-ss Provo
Crabb, R. LaPrele, ss Centerfield
Cragun, Oralle K., G Smithfield
Crandall, Anna, c-So Springville
Crandall, Bliss H., ap-F Springville
Crane, James R., a-So Herriman
Crane, Ruth L., a-F Provo
Crawford, L. DeVere, ap-S Paris, Idaho

Crawley, Margaret, c-Sp Provo
Creer, Thomas D., ss Salt Lake City
Creer, William E., ap-J Spanish Fork
Croft, Claude F., ss Murray
Croft, Merrill W., a-F Provo
Crookston, Earl, a-So Am. Fork
Crookston, B. Elden, a-S Am. Fork
Cropper, Ladd, fa-F Delta
Cropper, Sebrina, fa-F Delta
Cropper, Wayne, e-So Deseret
Cruiser, Charles M., ss St. Anthony, Idaho

Cullimore, Bernece, e-J Pleas. Grove
Cullimore, Odessa A., a-Sp-ss Provo
Cullimore, Owen S., G Pleas. Grove
Culmsee, Carlton F., G Provo
Culmsee, Edna Ball, G Provo
Cumard, Mabel, ss Mesa, Arizona
Cummings, Lettie R., fa-Sp Provo
Curtis, Lavaun B., G Lowell, Ariz.
Cutler, Betty, ap-J Salt Lake City
Cutler, Carlos P., a-F Lovell, Wy.

Dahl, Harvey A., ap-F West Jordan
Dahlquist, Mary M., a-So Provo
Dalley, Leah, ap-So Kanab
Dame, Bonnie, c-F Fillmore
Dangerfield, M. Grace, e-S Provo
Daniels, Cleon P., ss Logan
Danielsen, Marie, ss Ogden
Dastrup, Melba, G-ss Provo
Davidson, Davida, ss Fountain Green
Davies, Afton E., e-So Provo
Davies, Edward E., ap-J Provo
Davies, Jack T., c-F Provo
Davis, Ariel R., a-So Provo
Davis, Donald D., G Spanish Fork
Davis, Owen M., G Provo
Davis, Peggy Ann, ss Malad, Idaho
Davis, Ross B., a-F Spanish Fork
Dayton, Norvel, a-F Provo
Dean, Ernest H., ap-F Am. Fork
Dean, Harry A., fa-J-ss

..... Rexburg, Idaho
Dean, John O., ap-J Am. Fork
DeBry, James, ss Preston, Idaho
Decker, Alma V., c-S Provo
Decker, Glenaveve, a-F

..... Snowflake, Arizona
Decker, Lorenzo B., G-ss Provo
Dehmel, Ruth, ss Salt Lake City
DeLange, Talmage Y., c-J Koosharem
Dennis, John D., a-F Provo
Despain, Bert E., e-So Lovell, Wyo.
Despain, Dale I., a-F Lovell, Wyo.
Devenport, Hester W., ss

..... Rexburg, Idaho
Devenport, Karl W., ss-Sp

..... Rexburg, Idaho
Dewsnup, Winona, e-So Deseret
Dickson, Beth, c-Un Provo
Dickson, Ned B., ap-F

..... Cowley, Wyo.

Dimick, Cecil, I., ap-F Mohrland
Dimick, Dan R., a-S Nampa, Idaho
Dimmick, Aral M., ap-Sp Provo
Dimond, Hattie, G Murray
Dives, Alice, e-F Malad, Idaho
Dix, DeVaun, c-So Provo
Dixon, Harry A., c-So Provo
Dixon, Howard B., a-F Provo
Dixon, Jean, ap-F Payson
Dixon, Maurine, ap-So Provo
Dixon, Mildred, c-J Provo
Dixon, Ralph, a-Sp Provo
Dixon, Ronald, c-Sp Provo
Dixon, Ruby J., a-Sp Provo
Dixon, VaLera, ss Provo
Dixon, Verl G., G Provo
Domina, John C., a-So

..... Aberdeen, Idaho
Done, G. Byron, ss Blackfoot, Idaho
Done, W. Edwin, a-So Salt Lake City
Done, Otto, a-F Tucson, Arizona
Dorrity, Bernice, ss Kanosh
Dotson, Edme H., ss Coalville
Doty, G. Ellis, G-ss Richmond
Dougall, John Mac, a-S Springville
Douglass, Phyllis, e-S Payson
Draper, Edna E., c-Sp Provo
Dredge, Nathan E., a-Un

..... Malad, Idaho
Drysdale, Faye E., a-Sp Provo
Drysdale, King B., c-F

..... Pleasant Grove
Dudley, Lucy, c-F Jensen
Dudley, Lyndon L., e-So

..... Spanish Fork
Duke, Lela M., e-So Provo
Duke, Morris E., a-F Provo
Duke, Violet, ss Provo
Duncan, Besse, c-Sp Provo
Durrant, Rubye Mae, ap-J Provo

Earl, A. LaVon, a-So Am. Fork
Eastmond, Elbert H., ss Provo
Eastmond, Thomas H., a-F Provo
Eberhard, Ernest J., a-So Melba, Ida.

Edler, Jennie M., ss	Provo
Edmunds, Olive, fa-J	Chicago, Ill
Edwards, Alma F., e-F	Beaver
Edwards, Clara, ap-So	Charlestown
Egbert, Anna R., G	Lewiston
Eggertsen, Armand D., e-J	Provo
Eggertsen, Claude A., ss-Sp	Price
Eggertsen, Mark D., c-S	Provo
Eggertsen, Nita W., ss	Provo
Eggertsen, Virginia, a-J	Springville
Ekins, Virginia, ap-So	Provo
Ellett, Arthur O., ss-Sp	Springville
Ellett, Neta, e-So	Bicknell
Ellett, Robert I., ap-F	Springville
Elliott, Don C., fa-So	Provo
Elliott, Nell, c-Sp	Provo
Elliott, Ralph C., ap-Sp	Provo
Elliott, M. Vilate, ap-S-ss	Provo
Ellis, Helen, ap-J	Wellington
Ellsworth, Edna, a-F	Lewisville, Ida.
Ellsworth, Marjorie, ap-J	Lewisville, Idaho
Empey, Waneta, fa-F	Price
Ensign, George C., ss	Ogden
Ercanbrack, LaMar R., ap-So	Provo
Erickson, A. Leroy, ss	Salem
Evans, Bud D., a-So	Spanish Fork
Evans, Edmund E., G	Payson
Evans, Fay L., c-So	Lehi
Evans, Wm. Ferd, e-J	Lehi
Evans, Howard C., c-So	Lehi
Evans, Jayne Anne, fa-J	Span. Fork
Evans, Laura, e-F	Preston, Idaho
Evans, Leon B., c-F	Malad, Idaho
Evans, Neldon S., ap-J	Lehi
Evans, Oakley S., c-So	Anaconda, Montana
Evans, Orville L., c-F	Lake Shore
Evans, Ruth, c-F	Raymond, Idaho
Evans, Thelda, a-F	Lehi
Evans, M. Wesley, G	Malad, Idaho
Eyee, Floyd G., ss	Ogden
Eyre, Preston E., e-F	Lyman, Wyo.
Eyring, Fern C., a-Sp	Provo
Eyring, Joe C., a-S-ss	Pima, Ariz.
Eyring, Ross, ss	Pima, Ariz.
Facer, Elden J., a-S	Pocatello, Idaho
Fahring, Ray L., c-So	Helper
Fairbanks, Lois, ss	Salt Lake City
Fairbanks, Thera, ss	Salt Lake City
Falkner, Ione, fa-F	Provo
Farley, M. Lucille, c-Sp	Provo
Farnsworth, Arvilla A., ss	Salt Lake City
Farnsworth, Delin, fa-J-ss	Salt Lake City
Farnsworth, Hatch, a-F	Provo
Farr, Gwenevere, ss	Pleasant Grove
Farrar, Helen A., fa-F	Sandy
Faucette, Reese E., a-F	Sanford, Colo.
Faux, Ferry J., ss	Spanish Fork
Favero, Dewey, e-So	Hooper
Fechser, Clyde I., ss	Provo
Feland, Dorothy K., ss	Payson
Ferguson, Max B., ss	Spanish Fork
Fife, Lucille E., c-F	Sparks, Nevada
Fillmore, Belle, e-So	Richfield
Finlayson, Earl T., ap-F	Provo
Finch, Henry, c-So	Spanish Fork
Finlayson, Lela, e-F	Provo
Firmage, Doris, e-J	Spanish Fork
Firmage, Edwin R., c-F	Provo
Fisher, Asael H., a-Sp-ss	Provo
Fisher, J. Dean, c-S-ss	Provo
Fisher, Flora D., fa-Sp	Provo
Fisher, M. Jane, ss	Bountiful
Fisher, Jesse M., c-F	Salt Lake City
Fitzgerald, Harold J., c-S	Draper
Fletcher, Hazel, a-S	Provo
Formwalt, Herbert C., e-F	Tuscumbia, Alabama
Forsyth, Harry H., e-Sp	Provo
Forsyth, F. Howard, e-J	Hill Spring, Alberta, Canada
Forsyth, Lucy, fa-F	Hill Spring, Alberta, Canada
Forsyth, Saxon, e-Sp	Provo
Foster, A. Forbes, c-F	Am. Fork
Foster, Francis, c-So	Am. Fork
Foster, Landy M., ss	Spanish Fork
Fotland, Clara, e-Sp	Provo
Foutz, Edwin L., c-F	Fruitland, New Mexico
Fowers, VerDean, ap-So	Hooper
Fox, Feramorz W., c-S	Salt Lake City
Francom, Max E., a-F	Provo
Frandsen, Calvin, e-F	Redmond
Frandsen, Ernest, ss	Redmond
Frandsen, Victor, ss	Spanish Fork
Frei, Clark, G-ss	Santa Clara
Frei, Nina N., c-Sp	Santa Clara
Friel, Gloria, fa-F	Springville
Frisby, J. Donald, a-F	Provo
Frost, Clyde, a-J	Coalville
Frost, Leland T., e-J	Ephraim
Frost, Melba, e-So	Coalville
Fugal, Aris, e-F	Pleasant Grove
Fugal, Genevieve, e-J	Pleasant Grove
Fugal, Neil Y., a-So	Pleasant Grove
Fujiwara, Takeo, a-S	Sapporo, Japan
Fullmer, Bert L., ap-F	Spanish Fork
Funk, A. Izetta, e-S	Provo
Funk, Marcus C., e-F	Richmond
Gamett, LaVell C., ap-J	Pleasant Grove
Gammon, Velda, a-Sp	Provo
Gardner, Clark A., ss	Sandy
Gardner, Edward R., ss	Am. Fork
Gardner, Frances, fa-So	Sandy
Gardner, Geo. Grant, e-Sp	Levan
Gardner, Owen I., c-F	Salem
Gardner, Reid B., a-F	Spanish Fork
Gardner, Wallace H., c-F	Spanish Fork
Garrett, James L., ss	Nephi
Garrett, J. Oscar, ss	Provo
Garrett, Ralph, c-F	Nephi

Garrett, Rex, c-So _____ Nephi
 Geary, Charles C., ss _____ Morgan
 Geary, Elmo G., fa-So _____ Huntington
 Gee, Elwood A., e-S-ss _____ Provo
 Gee, Zenna, c-F _____ Burley, Idaho
 George, LaRue, ss _____ Kanosh
 Geslison, Byron T., a-F _____ Span. Fork
 Gibb, Jack R., c-F _____ Portland, Oregon
 Gibbons, Leona, a-So _____
 _____ St. Johns, Arizona
 Gibbons, Robert G., ss _____ Logan
 Gibson, Louisa, ap-F _____
 _____ Rock Springs, Wyo.
 Gibson, R. Owen, a-F _____
 _____ St. Thomas, Nevada
 Giddings, Ruthe, a-F _____ Am. Fork
 Gilchrist, Ruth, a-F _____ Provo
 Giles, Edna N., ap-So _____ Provo
 Giles, Fred N., a-F _____ Provo
 Gillespie, George S., a-So _____ Tooele
 Gillman, Rhea, e-So _____ Pleasant Grove
 Gines, Erma, e-So-ss _____ Roosevelt
 Gines, Ned L., fa-F _____ Provo
 Glover, Edna M., c-F _____ Sandy
 Glover, Wallace J., ap-F _____ Lehi
 Goe, Byron H., c-So _____ Jackson, Wyo.
 Goetzman, Gene E., ap-F _____ Price
 Gordon, Glen H., c-Sp _____ Am. Fork
 Gourley, David, ss _____ Pleasant Grove
 Gourley, George A., e-F _____ Pleasant Grove
 Graff, Arvilla, ss _____ Santa Clara
 Graff, Clara, ss _____ Santa Clara
 Graff, Sylvan, e-J _____ Santa Clara
 Graham, Ellis R., a-S _____ Fairview
 Graham, Verna, ss _____ Fairview
 Grant, Dorothy R., e-F _____ Am. Fork
 Grant, Virginia, ss _____ Salt Lake City
 Green, Evan Wm., fa-F _____ Wellsville
 Green, Leola, c-F _____ Boise, Idaho
 Green, Maud, e-F _____ Boise, Idaho
 Greenwood, Lois, e-So _____ Am. Fork
 Greer, Faun M., ap-So-ss _____ Provo
 Greer, Grant, ss _____ Wallsburg
 Grimes, Jesse Wm., fa-F _____ Lyons, Kans.
 Grimmer, Arch, ss _____ Menan, Idaho
 Groberg, LeRoy B., ss _____ Bicknell
 Groberg, Nellie L., ss _____ Rigby, Idaho
 Groesbeck, Lue S., e-F _____ Am. Fork
 Grotegut, Arthur, ss _____ Spanish Fork
 Grotegut, LaMar, e-J _____ Spanish Fork
 Grow, D. Spencer, c-S _____
 _____ Cardston, Alberta, Canada
 Grow, Stewart L., c-J _____
 _____ Cardston, Alberta, Canada
 Gubler, Ovando, e-S _____ LaVerkin
 Gudmundson, Farrell R., c-J _____
 _____ Springville
 Gudmundson, J. Keith, c-F _____
 _____ Springville
 Gunn, Edith Ann, e-So _____ Richfield
 Gunn, Stanley R., ss _____ Beaver
 Gunther, Eva, ss _____ Lehi
 Gunther, Marcille, a-So _____ Lehi
 Guptill, Marion S., e-F _____ Smithfield
 Guymon, Lafayette C., a-Un _____ Provo

Haddock, Max T., a-F _____
 _____ Bloomington Idaho
 Haddock, Paul J., e-So _____
 _____ Bloomington Idaho
 Haddock, Ray L., a-S _____
 _____ Bloomington Idaho
 Hafen, Faye, fa-Sp _____ Provo
 Hafen, Grant, e-S _____ Santa Clara
 Hales, Belle W., ss _____ Provo
 Hales, Dona L., ss _____ Spanish Fork
 Hales, Iman, e-S _____ Deseret
 Hall, Myrl, c-F _____ Spanish Fork
 Hall, W. Laverl, c-So _____ Edgar, Ariz.
 Halladay, W. Meeks, fa-J _____ Circleville
 Halladay, Susie L., e-So _____ Circleville
 Halliday, Margaret, c-F _____ Shelley, Ida.
 Halliday, Naomi, a-So _____ Am. Fork
 Hamblin, Edwin W., a-F _____
 _____ Millburne, Wyoming
 Hammond, May C., e-Sp-ss _____ Provo
 Hammond, Merrill C., a-J _____ Provo
 Hammond, Roy B., a-F _____ Provo
 Hancock, Mae, e-So _____ Payson
 Hancock, Velmore C., ap-Sp _____ Mendon
 Hand, Lorus, ss _____ Salt Lake City
 Handley, Harold Wm., ss _____ Sandy
 Hanks, C. Lynn, e-Sp _____ Salem
 Hanks, Edna, e-So _____ Salem
 Hanks, E. Wayne, ap-So _____ Tooele
 Hannig, Hazel E., ap-F _____
 _____ Moapa, Nevada
 Hansen, Afton A., ss _____ Provo
 Hanson, Afton M., e-So _____
 _____ Bear River City
 Hansen, Basil C., G-ss _____ Lehi
 Hansen, Caroline A., a-J _____ Provo
 Hansen, Christella, e-F _____ Boulder
 Hansen, Elsie M., e-F _____ Lehi
 Hansen, Elma, fa-F _____ Provo
 Hansen, Esther M., e-So _____ Boulder
 Hansen, Eva M., ss _____ Chilly, Idaho
 Hansen, Floy, e-J _____ Richfield
 Hansen, Glenn W., a-So _____ Richfield
 Hansen, John F., a-Un _____ Spanish Fork
 Hansen, Keith S., ap-F _____ Fairview
 Hansen, LaPrele, ss _____ Provo
 Hansen, Lester, a-Sp _____ Provo
 Hansen, Neva, fa-F _____ Provo
 Hansen, Norma Dean, e-So _____
 _____ Spanish Fork
 Hansen, Norma, e-So _____ Vernal
 Hansen, Phil, a-So _____ Richfield
 Hansen, Ray Wm., ss _____ Mt. Pleasant
 Hansen, Robert E., c-F _____ Provo
 Hansen, Robert G., c-So _____ Provo
 Hansen, Velda, ss _____ Payson
 Hansen, Vernon L., ss _____ Tremonton
 Hanson, Wilma, fa-S _____ Spanish Fork
 Hanson, Zula, a-So _____ Bear River City
 Hapi, Joseph T., a-J-ss _____
 _____ Nuhaka H. B., New Zealand
 Harding, Elden A., e-So _____ Provo
 Harding, Ruth, e-So _____ Payson
 Hardy, Elmo, a-F _____ Spanish Fork
 Hardy, McVal, c-S _____ Provo
 Hardy, Norwood, c-F _____ Vernal

- Harkness, Harold T., c-F Magna
 Harkness, Wallace, ap-F Magna
 Harman, Lucille E., fa-So Am. Fork
 Harmer, Floss, ss Springville
 Harmer, Louis J., c-S Mapleton
 Harper, Florence, ss Pleasant Grove
 Harris, Alvin, ss-e-Sp Portage
 Harris, Arlene, G Provo
 Harper, Laurel, ap-F
 Sacramento, Calif.
 Harris, Carl J., G Provo
 Harris, Chauncy D., a-S-ss Provo
 Harris, Edward D., ss Delta
 Harris, Elna M., a-J Ogden
 Harris, Estelle S., a-Sp-ss Provo
 Harris, Madge, ap-So-ss Payson
 Harris, Maureen E., c-F Boise, Idaho
 Harris, Robert F., a-F
 Vancouver, B. C., Canada
 Harris, Wayne, e-J Portage
 Harrison, Brigham H., e-Un
 Manassa, Colo.
 Harrison, Edith, fa-So Provo
 Harrison, LaPrele, ss Manassa, Colo.
 Harrison, Lorna J., a-S Provo
 Harrison, Madelyn, a-J Springville
 Harrison, Maurice, e-F Provo
 Harrison, Robert B., c-S Springville
 Harrison, Walter F., ss Heber
 Harrison, Willie C., a-F Springville
 Harston, Clarence B., ap-F
 Cowley, Wyoming
 Hart, Cecil E., ss Rigby, Idaho
 Hart, Clarice H., ap-Sp Provo
 Hart, J. Irel, ss Rigby, Idaho
 Hart, R. Kay, c-So Salt Lake City
 Hart, Ray G., ap-S Salt Lake City
 Hartle, Lida, e-Sp Vernal
 Harward, Lenard, ap-J Springville
 Hasler, J. William, as-So Provo
 Hatch, Wm. Bradford, a-F
 Spanish Fork
 Hatch, Corwin L., c-J Vernal
 Hatch, Fleeta, ap-S
 Colonia Juarez, Chih., Mexico
 Hatch, Harmon R., fa-So Span. Fork
 Hatch, Keith R., ap-F Spanish Fork
 Hatch, Leonard R., c-Un Salem
 Hatheock, Luella W., fa-Sp
 Preston, Idaho
 Hatton, Karl W., c-S Kanosh
 Hawkes, F. Pratt, ap-S Preston, Ida.
 Haws, Bill, a-So Provo
 Haws, Lois, e-F Provo
 Hayes, Sheldon, P., a-J-ss Provo
 Haymond, Paul M., a-So Springville
 Haynie, Irene, ap-J Salt Lake City
 Hayward, Elizabeth C., G Provo
 Hayward, C. Lynn, G-ss Provo
 Heath, J. LeRoy, e-F Redmond
 Heckethorn, Pearl G., e-So Garrison
 Hedquist, June, ss Provo
 Heindselman, Flo D., ap-S Provo
 Henderson, Myrtle W., ap-Sp Provo
 Hendricks, James L., a-F Richmond
- Henry, Ruth M., c-J Rigby, Idaho
 Herbert, Algie M., fa-Sp Provo
 Herbert, Woodrow C., a-So Salina
 Heslington, Melbourne W., ss
 Adamsville
 Hess, Guinevere, e-J Ogden
 Hetrick, Helen L., fa-F Dayton, Ohio
 Hettig, Florence S., e-S Provo
 Hettig, Tubou M., G
 Nukualofa, Tonga
 Hiatt, Mertie H., fa-Sp Provo
 Hibbert, Buyle, ss Provo
 Hicken, Elijah M., ss Richmond
 Hicks, Hazel G., c-F Provo
 Hickman, L. Ione, ap-F Garfield
 Hill, Kelsey J., c-S Springville
 Hill, Lulu F., ss Fruita, Colo.
 Hill, William K., a-F Sunnyside
 Hiller, Rudolph Wm., ap-Sp Provo
 Hiller, Walter W., c-S Provo
 Hilton, Helen, a-F Hinckley
 Hilton, Hope F., e-So Hinckley
 Hilton, Virgil T., c-J Delta
 Hinckley, Rulon T., ss Hinckley
 Hodson, Aiton, c-F Provo
 Hodson, Marva, ss Provo
 Hodson, Rosemary, fa-F Provo
 Hodson, Waldo G., G Provo
 Hoffman, Ida J., c-F Springville
 Hogan, Eva, a-Sp Eureka
 Holbrook, Elizabeth, fa-F Provo
 Holdaway, Alene, a-J Provo
 Holindrake, George M., a-F
 American Fork
 Holindrake, Vernon E., ap-So
 American Fork
 Holley, Uda R., ap-So Mapleton
 Holley, Wayne D., fa-F Mapleton
 Hollingshead, Billie, ss Koosharem
 Holt, L. Bernice, e-So Sandy
 Holt, Paul M., G Provo
 Holton, Rosetta F., ss Meeker, Colo.
 Holyoak, Francis J., e-J Burley, Ida.
 Hone, Earl D., e-S Brigham
 Hooks, Bertha, a-S-ss Provo
 Hooks, James A., ap-Sp Provo
 Hopkins, Mary L., e-F
 Garland, Wyoming
 Hopkins, Royal L., a-Sp Provo
 Horlacher, Fred C., c-S Ely, Nev.
 Hougaard, Georgia, ap-J Manti
 Hougaard, Virginia, ap-J Manti
 Housley, Mildred, e-J
 St. Anthony, Idaho
 Houston, Alice, e-F Lovell, Wyo.
 Howe, William S., a-F Provo
 Hoyt, Louise, ss-e-Sp Kamas
 Hoyt, Maxine, a-So-ss Kamas
 Huckins, Alice E., ap-F Provo
 Huff, Ina, e-So Spanish Fork
 Huffaker, M. Earl, ap-So Murray
 Huffaker, Ruth E., e-So Murray
 Hughes, Anna, ss Spanish Fork
 Hughes, John M., a-J Provo
 Hughes, Preston G., a-So-ss
 Spanish Fork

Huish, Daryl E., a-So Provo
 Huish, Elizabeth, ss Payson
 Huish, Florence F., e-S-ss Provo
 Huish, H. Paul, G Provo
 Huff, Mrs. Mary P., ss Provo
 Hundley, A. Lucile, c-F Provo
 Hunn, Dorothy, c-So Provo
 Hunt, Ester J., ss Panguitch
 Hunt, Josephine, ss Upalco
 Hunt, Sheldon R., ss-Sp Salina
 Hunter, James R., c-J Ogden
 Hunter, Jessie, c-F Alpine
 Huntsman, Alonzo, ss Fillmore
 Huntsman, Blaine, c-J Fillmore
 Huntsman, Merodean, c-F Fillmore
 Huntington, Mae, ss Springville
 Hurd, Ada, ss Auburn, Wyoming
 Hurst, Henry, a-F Blanding
 Hutchings, Beth, ss Am. Fork
 Hutchings, Imri J., G Midvale
 Hutchings, Loman F., a-J Springville
 Hutchings, Rowena, c-J Springville
 Hutchings, Theron B., a-S Midvale
 Hutchinson, L. Grant, c-So ss
 Salt Lake City
 Hutchinson, J. Marvell, c-So-ss
 Salt Lake City
 Ingersoll, M. Leigh, ap-So Am. Fork
 Ingersol, Rex M., ap-So-ss
 American Fork
 Ipson, Alice, ap-J Panguitch
 Ipson, Nello P., c-J Panguitch
 Ireland, Levell, e-J New Harmony
 Irwin, George W., a-F
 Raymond, Washington
 Isgren, Marjorie, e-F Tooele
 Isgren, Mona, e-F Tooele
 Israelson, Stella, ss Monroe
 Israelson, Vernon L., ss Monroe
 Ivins, Bertha H., a-Sp-ss Provo
 Ivins, Fawn, fa-S Lund, Nevada
 Jackson, Ellen, e-So Provo
 Jackson, Elvon G., c-F Provo
 Jackson, Jos. R., So Provo
 Jackson, Leona, e-So-ss Provo
 Jackson, Vera, fa-S Provo
 Jacob, Paul D., a-F Pleasant Grove
 Jacob, H. Wendell, a-S Provo
 Jacobs, Emma, e-J Roy
 Jacobson, Elmer, c-So Provo
 Jacobsen, Ralph C., fa-S Mt. Pleasant
 Jacobsen, Kalei O., ss Provo
 Jameson, Karl M., a-So Price
 Janson, Dorothy, c-F Provo
 Jarvis, Ann, ss Washington, D. C.
 Jeffrey, Eldro E., ap-J Delta
 Jeffrey, Iliff C., c-F Delta
 Jeffrey, Pearl, e-J Delta
 Jenkins, Wm. Clayton, c-S Provo
 Jenkins, Louise, fa-J Provo
 Jenkins, Melvin D., c-So Provo
 Jenkins, Ray L., c-J Springville
 Jennings, Frances I., e-J Ephraim
 Jennings, Jarvis R., ap-F
 Pine Ridge, South Dakota

Jensen, Allene, ss Provo
 Jensen, Dean, e-Sp Spanish Fork
 Jensen, Edna, ap-F Manassa, Colo.
 Jensen, Elise H., ss Salt Lake City
 Jensen, Elliot E., e-S Manti
 Jensen, Gilman, c-So Richfield
 Jensen, Harmon J., a-J Richfield
 Jensen, Lola C., ss Nephi
 Jensen, Mamie, ap-So Provo
 Jensen, Mary, ss Brigham
 Jensen, Norma, ss-fa-Sp Ogden
 Jensen, Paul E., e-F Ephraim
 Jensen, Ralph Wm., a-J Ogden
 Jensen, Ray, e-So Manassa, Colo.
 Jensen, Vernon H., ss Salt Lake City
 Jensen, Walter A., fa-So
 Salt Lake City
 Jensen, Walter, c-Sp Provo
 Jeppersen, Geraldine, ss Provo
 Jeppersen, Rhodes, G Provo
 Jeppson, Lee R., ss Brigham
 Jergensen, Verla, a-J
 St. Anthony, Idaho
 Jex, Phebe, c-So Spanish Fork
 Johanson, Alva J., G-ss Provo
 Johansen, Vernon, fa-S Mt. Pleasant
 Johns, Blair G., a-F Spanish Fork
 Johnson, Bert, ss Koosharem
 Johnson, Clair, ss Springville
 Johnson, V. Dick, a-F Provo
 Johnson, Donald S., a-F Mapleton
 Johnson, D. Elmer, a-J Provo
 Johnson, Eugene W., ap-S Springville
 Johnson, Fay, ap-J Provo
 Johnson, Fred C., a-F Spanish Fork
 Johnson, Georgiana, ss-fa-Sp Provo
 Johnson, Glen B., ap-So
 Richfield, Idaho
 Johnson, Goulding, c-F Lovell, Wyo.
 Johnson, Harold, c-So Lehi
 Johnson, Howard, a-So Provo
 Johnson, Ina G., e-S-ss Provo
 Johnson, Ivan P., c-F Provo
 Johnson, Jesse W., e-Un Provo
 Johnson, Joe F., a-So Murray
 Johnson, T. Kay, a-F Provo
 Johnson, Kirt W., c-S Manti
 Johnson, T. Leonard, a-So Provo
 Johnson, D. Lorell, ap-J Springville
 Johnson, Lowell L., ap-J Provo
 Johnson, Malcolm R., a-F
 Terry, Montana
 Johnson, Marjorie, c-F Provo
 Johnson, Marie, e-So Provo
 Johnson, Maurean M., e-S-ss
 Mora, New Mexico
 Johnson, Melba, e-F Preston, Idaho
 Johnson, Mildred, ap-F Payson
 Johnson, Morris R., fa-J Provo
 Johnson, Neva I., e-F Orangeville
 Johnson, Ruth, fa-Sp Provo
 Johnson, Searle, a-F Provo
 Johnson, Sytha, ss Kanab
 Johnson, Vard H., G Pleasant Grove
 Johnson, Vola M., fa-Sp

	Pleasant Grove		Kerr, Ethel, Sp	Provo
Johnson, Wanda, e-F	Vernal		Kerr, J. Gleason, e-S-ss	Idaho Falls, Idaho
Johnson, W. Kent, G	Provo		Kilfoyle, F. Booth, a-F	Spring Canyon
Johnson, William D., e-Sp	Santaquin		Kilfoyle, J. Grant, a-F	Spring Canyon
Johnson, William H., G	Morgan		Killpack, Theron W., ss	Provo
Johnson, Wyla J., c-So	Provo		Kimball, Doris M., a-J-ss	Arco, Ida.
Johnston, Elsie, ap-Sp	Los Angeles, Calif.		Kimball, S. Fern, e-F	Tucson, Ariz.
Johnston, Irene, e-So	Am. Fork		Kimball, Gardner, c-S	Kanosh
Jolley, Udell, a-F	Provo		Kimball, Griffith R., e-F	Draper
Jones, Amy, c-So	Salt Lake City		Kimball, A. Noble, ss	Kanosh
Jones, Archie G., c-S	Provo		Kimball, Olive, G	Tucson, Ariz.
Jones, Blanche B., e-J	Spanish Fork		Kimball, Virginia M., ap-F	Provo
Jones, Dale E., c-So	Provo		King, Alma W., ss	Garland
Jones, Dorothy, c-Sp	Salt Lake City		King, Lucille O., ss	Garland
Jones, Dorothy B., fa-Sp-ss	Provo		King, Stella, ap-F	Grace, Idaho
Jones, Earl E., c-Sp	Provo		Kirk, Odeal C., G	Pleasant Grove
Jones, Elroy, ss	Heber		Kirk, Vernon H., c-So	Provo
Jones, Florence, fa-F	Provo		Kirkham, Maxine, e-F	Provo
Jones, Florence, e-F	Spanish Fork		Kirkham, Reed O., a-So	Lehi
Jones, Harold T., a-So	Provo		Kittinger, Stewart, a-F	Lehi
Jones, Harold, a-F	Helper		Kjar, Maurine, ap-F	Manti
Jones, Horace T., ss-a-Sp	Heber		Kleinman, Conrad J., a-J	Mesa, Ariz.
Jones, Hyrum P., ss	Pleasant Grove		Kleinman, Jay, G	Mesa, Ariz.
Jones, LaFayette, a-J	Payson		Knight, Anna Beth, ss	Hinckley
Jones, Lawrence, c-S	Provo		Knight, Edith, ss	Mesquite, Nev.
Jones, Loa, ap-F	Byron, Wyo.		Knight, James V., c-Un	Hinckley
Jones, Louise M., ss	Reno, Nevada		Knight, Jennie B., a-Sp-ss	Provo
Jones, Lucile W., ss	Provo		Knight, Philip, c-F	Provo
Jones, Maurice A., a-J	Provo		Knowlton, Karma, c-F	Farmington
Jones, V. Maurine, ap-So	Los Vegas, New Mexico		Knudsen, Ruth, c-So	Provo
Jones, Melva U., fa-F	Provo		Knudson, Velva, a-F	Provo
Jones, Merle, e-So	Overton, Nevada		Kotter, Floyd L., e-J	Elsinore
Jones, Patrick H., c-So	Provo		Kotter, Gladys, G-ss	Brigham
Jones, J. Pettet, ap-F	Provo		Kotter, Wilma M., e-J	Brigham
Jones, Ronald, a-F	Provo		Koyle, Eldon S., ap-F	Burley, Idaho
Jones, Rudger E., c-So	Flushing, N. Y.		Kunz, Iola, e-F	Montpelier, Idaho
Jones, Rulon A., e-S-ss	Cedar City		LaComb, Frank O., a-So	Midvale
Jones, Sara, ss	Malad, Idaho		Laker, Willard E., ss-E-Sp	Price
Jorgensen, Brandt D., a-J	Salem		Lambert, A. C., ss	Provo
Jorgensen, D. Drew, G	Provo		Lambert, Florence B., a-Un-ss	Provo
Jorgensen, Eugene G., fa-So-ss	Price		Lambert, Theron, a-F	Provo
Jorgensen, V. Frank, e-S	Fountain Green		Larson, Blanch, ss	Lehi
Jorgensen, Vivian, e-J	Am. Fork		Larson, Carl L., c-So	Preston, Idaho
Josie, Charles, fa-So-ss	Provo		Larsen, Carlyle, c-J	Pleasant Grove
Josie, Frank, a-F	Provo		Larsen, Chestina B., e-S-ss	Provo
Justesen, Bernice, ss	Spring City		Larsen, Eldon, ap-ss	Las Vegas, Nev.
Kartchner, Fred D., a-F	Provo		Larsen, Eugene, a-J	Provo
Kartchner, Lindsey V., c-So	Snowflake, Arizona		Larsen, George N., a-F	Pleasant Grove
Kartchner, Ray W., a-So	Provo		Larsen, H. Gordon, c-S-ss	Provo
Kartchner, Virgil D., ss	Provo		Larsen, Grant F., ap-Sp	Provo
Kay, Afton J., ap-F	Charleston		Larsen, Gustive O., ss	Cedar City
Kearns, Howard L., fa-So	Springville		Larsen, Vernon F., ss	Mt. Pleasant
Keck, Julia P., a-Un	Springville		Larsen, Louise, ap-J	Mayfield
Keeler, Essie R., ss	Provo		Larsen, Mabel, e-F	Mayfield
Kelly, Ruby, e-So	Salt Lake City		Larsen, Orville L., e-J	Pleasant Grove
Kelsey, Effie, ss	Springville		Larsen, Rex, a-J	Provo
Kenner, Robert L., ss	Preston, Ida.		Latimer, Doreyn E., fa-F	Salt Lake City
Kenney, Flora, ap-J	Holden		Lawrence, Harold W., ss	Malad, Idaho
Kennington, Alta, ss	Auburn, Wyo.			

Leavitt, Laurel E., ss _____
 _____ Bunkerville, Nevada
 Leavitt, Francis H., e-S _____
 _____ Bunkerville, Nevada
 Lee, Wilford D., a-So _____ Iona, Idaho
 LeeMaster, Vernon J., ss _____ Provo
 LeRoy, Mary, ss _____ Springville
 LeSueur, Joan L., e-F _____ Mesa, Ariz.
 LeSueur, Malcolm F., e-S _____ Mesa, Ariz.
 LeSueur, Nadeen E., e-So _____ Mesa, Ariz.
 LeSueur, Oma, fa-F _____ Mesa, Ariz.
 LeSueur, Waldo Y., a-J _____ Mesa, Ariz.
 Lewis, Bernell H., e-J _____ Spanish Fork
 Lewis, Ethel L., e-So _____ Provo
 Lewis, Fred A., a-S _____ Provo
 Lewis, Kenneth M., ap-Un-ss _____ Provo
 Lewis, Ruth, ss _____ Salt Lake City
 Ligon, Jennie W., ss _____ Safford, Ariz.
 Lillywhite, John P., ss _____ Brigham
 Lillywhite, Miriam, c-F _____
 _____ Salt Lake City
 Lind, Lloyd C., c-F _____ Vernal
 Lindsay, Ina, a-F _____ Spring Canyon
 Livingston, Vaughn E., _____ Payson
 Lloyd, Lillie M., ss _____ Oakley, Idaho
 Lloyd, Wesley P., ss _____ Oakley, Idaho
 Losee, Ferron C., e-Sp _____ Provo
 Losee, Warren E., ss _____ Provo
 Lott, Keith D., a-F _____ Lehi
 Lott, Willard C., a-F _____ Huntington
 Lott, Wreal L., a-S _____ Lehi
 Lott, Zelda G., fa-F _____ Huntington
 Ludlow, Albert T., c-So _____ Benjamin
 Ludlow, Don E., a-F _____ Spanish Fork
 Ludlow, Lewis, a-F _____ Spanish Fork
 Luke, Mabel M., ap-S _____ Provo
 Luke, Melroy, ap-Sp _____ Provo
 Luke, Theron H., a-J _____ Heber
 Lund, Ellen B., a-So _____
 _____ Huntington Park, Calif.
 Lund, Leon, G., ss-c-Sp _____
 _____ Fountain Green
 Lyman, Angie F., ss _____ Lyman, Wyo.
 Lyman, Willis J., ss _____ Lyman, Wyo.
 Lyon, Harlan M., a-F _____ Overton, Nev.
 Lytle, John V., a-F _____ Overton, Nev.
 McAllister, Ellis S., e-S _____ St. George
 McAllister, John S., e-S _____ St. George
 McAllister, Joseph D., a-Un _____
 _____ Huntington Park, Calif.
 McAllister, Rhea L., ap-F _____
 _____ Spanish Fork
 McBride, Karl H., e-S _____ Pima, Ariz.
 McBride, Orlando S., G-ss _____
 _____ Thatcher, Ariz.
 McCard, Donna, ap-Sp _____ Provo
 McCard, Ethel, c-So-ss _____ Provo
 McConkie, Faun, a-S-ss _____ Moab
 McConkie, Wayne R., ap-S-ss _____ Moab
 McCulley, Walter A., a-Sp _____ Provo
 McDonald, Alda M., e-So _____ Heber
 McDonald, Ward C., c-S _____ Provo
 McEwan, Joe W., c-So _____ Salt Lake City
 Macfarlane, Glenna, c-F _____
 _____ Las Vegas, Nevada
 McGavin, E. Cecil, ss _____ Spanish Fork

McGhie, Frank W., ss _____ Salt Lake City
 McGregor, Mrs. Alma W., fa-Sp _____
 _____ St. George
 McGregor, Donald W., c-So _____
 _____ St. George
 McGregor, Karma, e-S _____ St. George
 McGregor, Mary, ap-F _____ St. George
 McGuire, James, a-So _____ Provo
 McGuire, John H., c-J _____ Provo
 McGuire, Ray, a-So _____ Provo
 McIntire, Floyd C., a-F _____ Price
 McKell, Della, e-F _____ Spanish Fork
 McKell, R. D., ss _____ Heber
 McKinnon, Thelma, fa-J _____ Price
 McLean, Fanny G., e-Sp _____
 _____ Salt Lake City
 McMullin, Reed, c-F _____ Payson
 McNeil, Mrs. John T., ss _____
 _____ Chicago, Ill.
 McOmber, G. Emerson, e-J _____
 _____ Pocatello, Idaho
 McOmie, Robert, ss _____ Pleasant Grove
 McPherson, John B., a-F _____ Springville
 McPherson, Margaret, e-S _____
 _____ Springville
 Madsen, Archie L., a-F _____ Provo
 Madsen, Chas., e-Sp _____ Price
 Madsen, Clark C., c-J _____ Springville
 Madsen, Eardley P., e-S _____ Ephraim
 Madsen, Emily, fa-S _____ Duchesne
 Madsen, Farrell D., fa-S-ss _____ Fairview
 Madsen, Florence J., ss _____ Provo
 Madsen, E. Harold, c-F _____ Provo
 Madsen, Herbert C., a-So _____ Provo
 Madsen, Neola E., e-So _____ Provo
 Madsen, Olga, c-Sp _____ Provo
 Maiser, Georgia, ss _____ Provo
 Mallory, Gladys C., e-S-ss _____
 _____ Afton, Wyo.
 Mallory, John C., e-S-ss _____ Afton, Wyo.
 Mangum, Dixie K., c-Sp _____ Provo
 Manson, George W., e-S _____ Eureka
 Markham, Don G., a-So _____ Spanish Fork
 Markham, Lynn C., fa-F _____ Spanish Fork
 Marler, George D., G _____ Thornton, Ida.
 Marrott, Margaret L., e-So _____
 _____ Pleasant Grove
 Marquardson, Max S., c-F _____ Elsinore
 Marsh, Dorothy A., ss _____ Evanston Wyo.
 Marsh, Gweneth, ss _____ Evanston, Wyo.
 Marshall, Julia T., ss _____ Provo
 Martin, Hattie P., ap-Sp _____ Provo
 Martin, John W., a-So _____ Ronan, Mont.
 Martin, Kenneth, c-So _____ Provo
 Martin, William P., a-J _____ Provo
 Martineau, Carl P., a-J _____ Provo
 Martinez, Doris, a-F _____ Richfield
 Mathis, Bernard H., a-Un _____ Price
 Mathis, Weldon M., a-So _____ Price
 Matthews, Weldon C., c-S _____ Midvale
 Maughan, Katherine, ss _____ Smithfield
 Maughan, Lucile, G _____
 _____ Lava Hot Springs, Idaho
 Maughan, Lyle R., ap-F _____
 _____ Lava Hot Springs, Idaho
 Maughan, Mildred, a-So _____
 _____ Lava Hot Springs, Idaho

Nielson, Merrell L., ap-F _____
 _____ Springville
 Nielsen, H. Reed, a-F _____ Monroe
 Nielsen, Ruth E., c-J _____ Ephraim
 Nielsen, Wendell L., a-F _____
 _____ Idaho Falls, Ida.
 Nicholes, Fern S., ss _____ Am. Fork
 Nichols, Mary, ss _____ Brigham
 Nielsen, Alfred C., ss _____ Salt Lake City
 Nielsen, Otis P., ss-e-Sp _____ Fairview
 Nisonger, Max Wm., a-S _____ Provo
 Nixon, Beulah E., e-So _____ Holden
 Nixon, Wilma, c-F _____ Holden
 Norris, Elma, ss _____ Randolph
 Norton, Ronald M., a-F _____ Provo
 Nuttall, Margaret A., ss _____
 _____ Overton, Nevada
 Nuttall, Maurice, ss-e-Sp _____ Provo
 Nuttall, Taylor C., a-F _____
 _____ Salt Lake City
 Nuttall, Wilkins L., a-So _____
 _____ Twin Falls, Idaho
 Oaks, Charles E., a-F _____ Vernal
 Oaks, Nettie H., ss _____ Vernal
 Oakley, Dorothy, a-So _____ Price
 Ockey, Edwina, a-So _____ Price
 Okelberry, Orval Wm., c-J _____ Goshen
 Ollerton, Louise, c-So _____ Provo
 Olpin, Ralph S., c-S _____
 _____ Pleasant Grove
 Olsen, Donald P., fa-J _____ Provo
 Olson, Farrell G., ap-J _____ Payson
 Olson, George F., ss _____ Fairview
 Olson, Georgia G. R., a-Sp _____
 _____ Springville
 Oleson, John F., ss _____ Payson
 Olsen, Joseph Wm., ss _____ Richfield
 Olson, Max D., ss _____ Provo
 Olson, Loyal, ap-F _____ Vernal
 Olsen, Marion J., a-F _____ Provo
 Olson, L. Robert, c-So _____ Provo
 Olsen, Osmond, ss _____ Manti
 Olsen, O. Wilford, ss _____ Springville
 Olsen, William N., e-F _____ Orangeville
 Orme, Sarah, ss _____ Tooele
 Osguthorpe, Elma, fa-So _____
 _____ Salt Lake City
 Ostler, Beth, ap-F _____ Provo
 Ostler, Dorothy, ss-a-Sp _____
 _____ Salt Lake City
 Ostler, Howard C., a-F _____ Springville
 Ott, James A., e-So _____ Henrieville
 Ottosen, Helen, e-So _____ Manti
 Outzen, Clair H., a-F _____ Marysvale
 Oveson, Melrose, e-So _____ Cleveland
 Owens, Darlene, c-F _____ Provo
 Pace, Maxine, ss _____ Cedar City
 Pack, Dean C., c-Sp _____ Provo
 Packard, Hannah, fa-Sp _____ Provo
 Pace, Evelyn, a-F _____ Boneta
 Page, Ailsa N., fa-J _____ Duchesne
 Page, J. Boyd, a-F _____ Springville
 Page, Eileen, e-J _____ Goshen
 Page, Faye, e-F _____ Goshen

Palfreyman, Warwick C., c-F _____
 _____ Springville
 Palmer, Madge, ss _____
 _____ Kirtland, New Mex.
 Pardoe, Kathryn B., fa-Sp _____ Provo
 Park, Hugh Wm., ap-F _____ Provo
 Parker, Helen, ap-F _____ Am. Fork
 Parker, Robert W., a-So _____
 _____ Mt. Airy, No. Carolina
 Parkes, Margaret, e-F _____ Nephi
 Parkes, VeraDeane, e-F _____ Nephi
 Parrish, Beth, e-So _____ Morgan
 Parrish, Wallace A., a-So _____ Peterson
 Partridge, Carol, c-So _____ Provo
 Partridge, Lyman M., a-So _____ Provo
 Partridge, Maude, ss _____ Provo
 Paton, DonnaTeane, c-F _____
 _____ Preston, Idaho
 Patten, Leola, ss _____ Duncan, Ariz.
 Paulsen, LaRue, fa-Sp _____ Ephraim
 Paulson, Wendell H., fa-Un _____ Provo
 Paxman, Annie S., fa-Sp _____ Provo
 Paxman, Beth, fa-F _____ Provo
 Paxman, Edith G., fa-J _____ Provo
 Paxman, Ernest, ss _____ Provo
 Paxman, Lota A., fa-S _____ Provo
 Paxton, Taft, c-J _____ Kanosh
 Payne, Albert L., e-F _____ Provo
 Payne, LaRue, c-Un _____ Provo
 Payne, Minnie, a-ss _____ Provo
 Peacock, Wm. Morris, e-So _____
 _____ Orangeville
 Pearson, Irvin B., ap-S _____ Oakley
 Pearson, Oswald L., ss _____ Minersville
 Peart, Mearl C., fa-F _____ Randolph
 Penrod, Grant F., ss _____ Provo
 Penrod, Helen L., e-F _____ Provo
 Penrod, Max W., ss _____ Provo
 Perkins, Ella H., ss _____ Overton, Nevada
 Perkins, Norma, a-F _____ Monticello
 Perlman, Harold, c-F _____ Provo
 Perrett, Barbara A., fa-F _____
 _____ Idaho Falls, Idaho
 Perry, Archie, ap-F _____ Vernal
 Perry, Elgia B., c-Sp _____ Vernal
 Perry, Asahel A., ap-J _____ Vernal
 Peteres, Adele, ss _____ Provo
 Peterson, Alene S., fa-Sp _____ Provo
 Peterson, Allan, a-F _____
 _____ Los Angeles, Calif.
 Peterson, Carrie M., e-F _____ Ferron
 Peterson, L. Elmer, ss _____ Oasis
 Petersen, Eva M., ss _____ Brigham
 Peterson, Glen H., ss _____ Grace, Idaho
 Petersen, Grethe, e-F _____ Hinkley
 Peterson, Helen M., a-J _____ Provo
 Peterson, Hermese, ss _____ Provo
 Peterson, Howard, a-So _____ Provo
 Peterson, Kenn J., c-J _____ Manti
 Peterson, Lloyd L., c-F _____ Provo
 Peterson, Louise, ap-F _____ Provo
 Peterson, J. Lowell, e-S _____ Kaysville
 Peterson, Madeline A., e-F _____
 _____ Richfield

Peterson, Margaret E., a-F	Price
.....Mt. Pleasant	Rasmussen, Crystal, e-So
Peterson, Margaret O., a-J	.....Ferron
.....Aberdeen, Idaho	Rasmussen, James, fa-Un
Peterson, Merrill H., ap-F	.....Provo
Petersen, Nelda, e-F	Rasmussen, W. Leland, c-F
Peterson, Orson W., e-So	.....Lapoint
.....Castle Dale	Rasmussen, Mabel, ap-S
Petersen, Reid J., a-F	.....Mt. Pleasant
Peterson, E. Smith, ap-S	Rasmussen, Maurice F., ap-F
Peterson, Tom C., c-So	.....Salina
Peterson, Virgil V., a-So	Rasmussen, Rulon S., ss
.....Pleasant Grove	.....Fairview
Phelps, V. Maxine, ss-fa-Sp	Rasmussen, Thelma, fa-Sp
.....Mesa, Ariz.	.....Provo
Phillips W. Lamar, c-F	Rawlinson, Joseph E., c-F
.....Evanston, Wyoming	.....Hickley
Phillips A. LaVon, e-So	Redd, Louise E., ss
Pickett, Herald, c-So	.....Blanding
Pierce, Cleo, ss-e-Sp	Redd, Maude, c-F
Pistole, Maydelle G., fa-F	.....Monticello
.....Las Vegas, Nevada	Redd, Merene, e-So
Pitcher, H. Walter, ap-So	.....Blanding
.....Cardston, Alberta, Canada	Redden, J. Mervin, fa-S
Pollard, Cecil V., ss	.....ss
Pollard, Esie A., ss	.....Provo
Polly, Cleo E., fa-F	Rees, Clifton A., ss
.....Salt Lake City	.....Richfield
Polly, Orville L., G	Reese, Dale, fa-F
.....Salt Lake City	.....Payson
Postma, Frank, fa-F	Reese, Eldon L., a-F
Poulson, Earle M., a-F	.....Bloomington, Idaho
Poulson, Elmo S., a-F	Rees, Lyman, c-So
Poulson, Leo A., ap-F	.....Salt Lake City
Poulson, Lorna A., ap-F	Reese, Margaret A., a-J
Poulson, Marion W., e-S	.....Price
Poulson, Rex, a-F	Reese, Owen G., a-F
Poulsen, Theodore, a-F	.....Price
Poulter, Avon, ss	Reese, Rudolph P., a-J
Powell, Leo, c-F	.....Provo
Powell, Maurine, ss	Reeve, Olive S., ss
Powelson, Edith ss	.....St. George
Powelson, Stella L., e-F	Reid, Barbara, e-F
Preston, James P., ap-So	.....Orangeville
Prestwich, Berg, fa-S	Reid, Carol, e-J
Price, Wm. John, c-So	.....Manti
Friday, Leland F., fa-F	Reid, Ernest Lee, ss
Prince, Lillian T., e-S	.....Abraham
Prior, Carl, G	Reynolds, Allen C., ss
Probst, Cleopha R., ss	.....Circleville
Probst, Reed G., ss	Reynolds, Levi E., a-So
Proctor, Annie C., ss	.....Provo
Prows, Thurber, c-Sp	Rice, F. Lucy, ap-F
Prusse, Emma, ap-Un	.....Farmington
Pulsipher, Ruth W., c-F	Rich, Stella P., G-ss
Pulsipher, J. Lewis, e-J	.....Provo
.....Mesquite, Nevada	Richan, Raymond B., G
Pullen, J. Everett, a-F	.....Provo
Purvance, Wm. Truxton, c-J	Richie, Alma, c-So
Pyne, Lucile, c-Sp	.....Chatham, La.
Ralston, Mary, e-J	Richie, Loa G., e-Sp
Ramsbotham, Elizabeth, fa-Sp	.....St. Anthony, Idaho
Rasband, Lincoln, ap-So	Richards, Beth, e-F
Rasband, Mary, ss	.....Montpelier, Ida.
Rasband, Mima, ss	Richards, Catherine L., ss
	.....Malad, Idaho
	Richards, Kathryn W., ss
	.....Mapleton
	Richards, Ruth, c-F
	.....Farmington
	Richardson, Milton
	.....Spanish Fork
	Richardson, Vernon L., G-ss
	.....Thatcher, Arizona
	Richins, Wm. Dwaine, fa-F
	.....Burley, Idaho
	Richmond, Dorothy, e-J
	.....Provo
	Rick, Rode S., a-Sp
	.....Provo
	Ricks, Lavonda, e-J
	.....Idaho Falls, Idaho
	Ricks, Ruby B., a-F
	.....Idaho Falls, Idaho
	Rigby, Faye, ap-Sp
	.....Fairview
	Rigby, Thorval E., ss
	.....Fairview
	Rigby, Wendell M., ss
	.....Provo
	Ritchie, Metta, a-ss
	.....Provo
	Rivers, Marie E., e-F
	.....Springville
	Robbie, Harry Wm., a-So
	.....Provo
	Robbins, C. Claude, fa-S
	.....Moreland, Idaho
	Robbins, Dorothy, c-Un
	.....Provo
	Robbins, Enid, fa-Sp
	.....Provo
	Roberts, Bee, e-So
	.....Delta
	Roberts, Beth A., a-F
	.....Salt Lake City
	Roberts, Frank, c-J
	.....Provo
	Roberts, Zoe, e-So
	.....Delta
	Robertson, Joseph A., c-S
	.....Fountain Green

Robins, Fay, ss	Scipio
Robinson, Don S., a-F	Am. Fork
Robinson, Elma, a-So	Provo
Robinson, Merla, ss	Coalville
Robinson, Orpha, e-S	Am. Fork
Robinson, Phyllis, a-So	Provo
Robinson, L. Ray, ss	Logan
Robinson, Rollo, a-F	Am. Fork
Robinson, Ruth, a-So	Provo
Robison, Bertha B., e-J-ss	Provo
	Baker, Nevada
Robison, Burle H., e-S	Provo
Robison, Ione, fa-So	Overton, Nev.
Rogers, Mayola, e-So	Provo
	Snowflake Arizona
Rollins, J. Eugene, e-F	Lyman, Wyo.
Rollins, J. Leslie, ss	Lyman, Wyo.
Romney, Antone K., e-S	Chicago, Ill.
Romney, Archie, ap-F	Provo
	Colonia Juarez, Chih., Mexico
Romney, Elwood S., e-S-ss	St. George
Romney, Isobelle, e-F	Provo
	Colonia Juarez, Chih., Mexico
Romney, Leona, fa-S	Chicago, Ill.
Romney, Marguerite, fa-J	Provo
	Colonia Juarez, Chih., Mexico
Romney, Maurine, fa-So	Chicago, Ill.
Romney, Stanley C., ap-S	Provo
	Colonia Juarez, Chih., Mexico
Romney, Thomas C., ss	Provo
Ross, George R., G	Provo
Ross, Zephia C., fa-So	Provo
	Galesburg, Ill.
Roundy, Amanda I., c-S	Provo
Rowe, Francis, a-So	Spanish Fork
Rowe, G. Browning, c-S	Provo
Rowe, Owen B., a-F	Provo
Rowlett, Frances, ss	Salt Lake City
Rowley, Edwarden, ap-S	Provo
Rowley, Geo. A., e-Sp	Helper
Rowley, Rinda, fa-So	Provo
Rowley, Sammy, fa-F	Blanding
Rudy, J. P., e-Sp	Vernal
Rust, G. Nelson, a-F	Provo
Rust, Richard D., a-J	Provo
Sager, Ferren N., fa-So	Am. Fork
Sager, J. Elma, ap-J	Am. Fork
Samuelson, Beatrice B., ss	Santaquin
Sandgren, Edward A., a-Sp	Provo
Sanford, Hunt L., a-So	Springville
Sargent, Ned, e-So	Panguitch
Sargent, Sarah P., e-F	Kamas
Sauer, Gertrude, ap-S-ss	Provo
Schofield, M. Dale, a-F	Beaver
Schofield, Josephine, ss	Hiko, Nev.
Schow, Elden C., a-J	Lehi
Schow, I. Margaret, e-S	Lehi
Schultz, James C., c-So	Provo
	Salt Lake City
Scorup, Ellen, fa-F	Salina
Scorup, Stena, ss	Salina
Scott, Anna Deen, ap-Un	Provo
Scott, M. Deborah, fa-F	Provo
	Idaho Falls, Idaho
Scott, Ida Belle, e-S-ss	Provo
Scott, Mark J., a-F	Provo
Scott, Melba, a-F	Provo
Scott, Stella, ap-F	Charleston
Scott, G. Vernon, a-S	Provo
Seamon, J. Gordon, c-J	Provo
	Salt Lake City
Searle, Kenneth D., ap-S	Am. Fork
Searle, Lynn S., a-F	Spanish Fork
Sears, Marguerite, a-So	Provo
	Salt Lake City
Seastrand, Genna Vee, a-F	Am. Fork
Seaton, May, a-J	Price
Seegmiller, Marie, fa-Sp	Provo
Seegmiller, Marjorie E., c-So	Provo
	Richfield
Seeley, V. Hope, fa-F	Vernal
Seely, Ina M., c-So	Mt. Pleasant
Seethaler, Joseph A., c-F	Provo
Seiter, Erika E., a-So	Provo
Sessions, James W., ss	Provo
	Pocatello, Idaho
Sessions, Magdalen F., ss	Provo
	Pocatello, Idaho
Seymour, Sybil, ap-F	Afton, Wyo.
Shalloan, Anthony V., c-Un	Provo
	Opotika, New Zealand
Sharp, J. Cecil, ss	Salt Lake City
Shawcroft, Alice, a-Sp	Lajara, Colo.
Shelley, M. Ethel, e-J	Am. Fork
Shepherd, Laura, ss	Beaver
Sheppard, George L., G	Pima, Ariz.
Sheranian, Lorraine M., e-So	Murray
Shields, Lloyd, e-S	Tooele
Shields, Veldon E., a-F	Tooele
Shober, Ernest E., c-S	Murray
Showalter, Don B., c-F	Vernal
Shipp, Warren E., ap-J	Beaver
Shurtliff, F. Lovere, c-So	Provo
Siddoway, Laurence Y., c-F	Vernal
Sidwell, Ruth, ss	Provo
Simkins, Marie, e-So	Springville
Simmons, Dean E., a-So	Payson
Simmons, Donald, ss	Payson
Simmons, Jim A., fa-F	Spanish Fork
Simper, Wayne, e-S	Murray
Simpson, Grace E., e-So	Provo
	Mt. Pleasant
Simpson, Margaret, c-F	Mt. Pleasant
Skeem, Leona I., e-So	Oasis
Skinner, Grace, ss	Beaver
Skinner, Lucille, e-So	Provo
Slade, Pansy A., ss	Provo
	Kirtland, New Mexico
Smart, Henriette Neff, e-Sp-ss	Provo
Smart, Herbert F., a-So	Provo
Smart, M. Neff, a-S	Provo
Smart, Rowlee N., a-F	Provo
Smith, Andrew O., a-J	Provo
	Snowflake, Arizona
Smith, Earl T., a-J	Beaver
Smith, Eldores E., a-F	Pleas. Grove
Smith, Elmer H., G	Provo
Smith, Ernest, Sp	Pleasant Grove
Smith, Ervine F., G	Pleasant Grove
Smith, M. Foss, a-S-ss	Provo
	Snowflake, Arizona
Smith, Hyrum J., c-F	Salt Lake City
Smith, James Earl, e-S	Payson
Smith, Jenniev J., ap-S	Provo
	Logandale, Nevada

Smith, John Aldwyn, c-J	Provo
Smith, Justin M., G	Provo
Smith, Lois, a-S	Salt Lake City
Smith, Marjorie, e-F	Provo
Smith, Moroni W., ss	Hyrum
Smith, A. Ralph, ap-F	Am. Fork
Smith, Norma M., a-J	Salt Lake City
Smith, Sophronia, a-S	Snowflake, Nevada
Smith, Virgil J., fa-J	Lehi
Smith, Winifred, fa-F	Provo
Smoot, Fern, fa-S	Provo
Smoot, Seth E., c-So	Provo
Snell, Alta, e-J	Provo
Snell, Della, e-F	Provo
Snell, Esmond E., a-So	Provo
Snell, Hillman C., fa-So	Provo
Snell, Ina R., ss	Provo
Snell, Maude, e-So	Provo
Snell, Morris R., ap-J	Provo
Snell, Wm. Henry, ss	Provo
Snow, Claude S., G	Provo
Snow, Edna, G	Provo
Snow, Hattie T., ap-Sp	Provo
Snow Hortense, ap-J	St. George
Snow, Orvel L., ss	American Fork
Snow, Perry E., ss	Ferron
Snyder, Theron T., a-So	Payson
Sorensen, Allen B., a-So	Spanish Fork
Sorensen, Edna M., c-So	Spanish Fork
Sorenson, Ferril M., e-J	Spring City
Sorensen, Harold E., a-F	Lovell, Wyo.
Sorenson, LaBerta M., G	St. George
Sorenson, Virgie L., e-S	Kooshareem
Souter, Irma, ap-F	Provo
Sowards, Anthony, G	Provo
Sowards, Beulah B., fa-Un	Provo
Sowards, Josephine, ap-J	Provo
Sowards, Myrtle, ap-J	Provo
Sowards, Willa L., a-So	Provo
Spalding, Ardith, c-So	Provo
Speckhart Mabel C., a-S	Provo
Spencer, Alice, fa-So	Paris, Idaho
Spencer, Ethel S., ss	Provo
Spencer, Leland S., c-S	Provo
Spillman, Elizabeth, ss	Telluride, Colo.
Staheli, Harvey R., ss	Santa Clara
Stahmann, Lydia S., e-Sp	Spanish Fork
Stahmann, Mark A., a-F	Spanish Fork
Stahr, J. Sterling, c-So	Ogden
Starr, Edna, ap-F	Springville
Starr, Inez, e-S	Springville
Starr, Nora, G	Springville
Startup Norell, ss	Provo
Steed, Dean R., c-S	Farmington
Steed, Jack L., c-F	Farmington
Steedman, Kenneth Wm., ss-a-So	Mammoth
Steele, Millie, ap-So	American Fork
Steele, Jesse F., ss-a-Sp	Tooele
Stein, Harry C., c-Sp	Provo
Stephens, J. LeGrande, e-Sp	Montpelier, Idaho
Stephens, G. Sylvan, a-J	Provo
Stephens, Von, a-F	Provo
Sterling, Len G., a-F	Spanish Fork
Sterling, Mary H., e-So	Provo
Stetler, Byron F., ss	Reno, Nevada
Stevens, Marjorie, a-F	Fillmore
Stevens, Owen C., G	Provo
Stevens, Ruth, e-F	El Paso, Texas
Stewart, Cornell S., a-F-Ss	Alamo, Nevada
Stewart, Esther C., ss	Salt Lake City
Stewart, Ezra, a-Sp	Jensen
Stewart, Loris W., e-So	Provo
Stewart, Lucille, e-S	Mt. Pleasant
Stewart, Virginia, e-So	Spanish Fork
Stice, Harold K., c-So	Am. Fork
Stillman, Elise, e-So	Richfield
Stimpson, J. Vernal, ss	Provo
Stith, Estelle, a-ss	Vidalia, Georgia
Stoker, Alta, fa-J	Sugar City, Idaho
Stokes, Katharine, a-F	Midvale
Stokes, Lillian, a-F	Midvale
Stone, Dean A., c-F	Spanish Fork
Storrs, Bertha, G	American Fork
Stowell, Lucile C., ss	Springville
Stowell, Rhoda, ap-J	Pocatello, Ida.
Straw, Luell, ss	Springville
Straw, Rea S., ss	Springville
Street, Ruby K., c-So	Provo
Strickler, Beulah, ss	Ogden
Strickler, Fredona, fa-F	Ogden
Stringham, Kenneth Y., fa-Un	Vernal
Strong, Jay, a-J	Springville
Strong, Leon M., ss	Rexburg, Ida.
Strong, Mabel H., ss	Rexburg, Ida.
Stuart, Susie M., e-F	Wellsville
Summerhays, John W., ss	Salt Lake City
Summerhays, Margaret, a-Sp-ss	Salt Lake City
Summers, Helen, e-J	Provo
Sumner, Elizabeth, e-F	Provo
Sumner, LaPrele, ap-So	Provo
Sumner, Maline, a-Sp	Provo
Sumsion, Howard, a-So	Springville
Sumsion, J. Clyde, c-Sp	Provo
Sumsion, Merlene, e-So	Springville
Sundwall, Anna E., a-S	Fairview
Sundwall, Harry W., e-J	Fairview
Sundwall, Katharine L., e-So	Fairview
Sutherland, Rex L., fa-F	Springville
Swenson, F. McLean, a-Un	Provo
Swenson, Joe C., c-So	Provo
Swensen, Louise, a-S-ss	Provo
Swenson, Margaret D., e-Sp-ss	Provo
Swenson, Martha T., ap-F	Spanish Fork
Swenson, Mildred W., ap-So	Pleasant Grove
Swenson, A. Nell, ap-So	Pleasant Grove

Swenson, Waldo, a-F Spanish Fork

Taggart, Renold L., e-Un Salt Lake City

Talbot, Phyllis L., e-F Hinckley

Tanner, Abner, c-Un Provo

Tanner, Gilbert L., a-J Provo

Tanner, Glade R., a-F Salem

Tanner, H. Lyle, ap-F Payson

Tanner, Mabel M., ss Provo

Tanner, Margaret, c-Sp Minneapolis, Minn.

Tanner, Orea B., ss Provo

Tanner, Ray S., ap-S Fairview

Tanner, J. Sherman, a-Un Provo

Tanner, Wilmer W., a-F Fairview

Taylor, Ada, a-So El Paso, Texas

Taylor, Anna L., ss Evanston, Wyo.

Taylor, Bessie, ap-S Manti

Taylor, Blaine B., a-F Idaho Falls, Idaho

Taylor, Delenna R., a-J Provo

Taylor, Ethel R., fa-S Provo

Taylor Fenton W., a-S Thatcher, Arizona

Taylor, J. Golden, c-F Spokane, Washington

Taylor, Gordon B., fa-F Kamas

Taylor, Grace, e-F Murray

Taylor, Helen N., c-F Salt Lake City

Taylor, Herbert W., a-F Colonia Juarez, Chih., Mexico

Taylor, O. Kenneth, a-F Provo

Taylor, Lamar A., c-So El Paso, Texas

Taylor, Margaret, ap-So Salt Lake City

Taylor, Nadine L., fa-F Provo

Taylor, Melba, ap-Un Provo

Taylor, Paul W., a-Sp Provo

Taylor, Pearl, ap-So Salt Lake City

Taylor, Preston N., a-S Bonida, Idaho

Taylor, H. Rex., c-J Levan

Taylor, Robert F., c-So Salt Lake City

Taylor, Virginia, a-S Provo

Taylor, Weldon J., c-J-ss Provo

Taylor, Wendell H., ss Provo

Terry, Elvis B., ss-fa-Sp Enterprise

Tervort, Wilma, c-So Payson

Tew, Wm. Thomas, ss Mapleton

Thamert, LaDorise S., e-F Provo

Thamert, Lucille, c-Sp Caldwell, Idaho

Thatcher, Howard L., ap-S Payson

Thayne, Wm. James, G Provo

Thomas, David G., ss Salt Lake City

Thomas, Grace L., ss Ashton, Ida.

Thomas, Worsley R., c-Sp Provo

Thompson, Agnes, ss Wattis

Thompson, Blaine A., ss Wattis

Thompson, William H., a-F Aurora

Thomson, Cannon A., ss Salt Lake City

Thomson, Ralph D., ss Ephraim
Thorne, Charles J., a-F Pleas. Grove
Thorn, Grant S., a-So Springville
Thornock, Harold, e-F
..... Bloomington, Idaho
Thornock, Owen D., a-S
..... Bloomington, Idaho
Thornton, J. Read, c-J Provo
Thurgood, J. Grant, G Provo
Tidwell, Bert, e-F Wellington
Tietjen, Naomi, a-S Santaquin
Tippetts, Marion E., a-F
..... Lovell, Wyoming
Tobler, Ezra, e-S St. George
Todd, George H., a-F Mesa, Arizona
Tolman, Dorothy, e-F Salt Lake City
Toone Clifford S., G Gooding, Idaho
Torgersen, Howard A., a-Un
..... Lovell, Wyoming
Torgersen, Vendla G. E., a-Sp
..... Lovell, Wyoming
Towers, Esther V., e-S Eureka
Tree, Lewis E., a-F Park City
Tucker, Clarence, a-F Provo
Tucker, J. Glen, a-So
..... Oakland, California
Tueller, Golden R., ss
..... Overton, Nevada
Tuttle, Jean, fa-F American Fork
Twelves, Leland, a-F Spanish Fork
Udall, J. Nicholas, a-F
..... Phoenix, Arizona
Ungerman, Estella, e-F Castle Dale
Ungricht, LaVerne S., c-So Rollap
Vance, Cyril L., a-S Provo
Vance, E. Merle, e-S-ss
..... Jerome, Idaho
Vance, S. Lloyd, c-F Provo
Vance, Morris R., c-F Jerome, Idaho
Vance, R. Wendell, a-J Provo
Van Cott, Grant A., fa-S-ss
..... Salt Lake City
Van Cott, LeRoy B., ss
..... Salt Lake City
Van Patten, Boyce, c-S Springville
Van Wagenen, Dean, c-F Provo
Van Wagenen, Fay E., c-Sp Provo
Van Wagenen, Frank, c-J Provo
Van Wagenen, Harold E., c-J Provo
Vernon, William M., ss Provo
Vest, Edwin T., e-S Ogden
Vest, H. Grant, a-S-ss Am. Fork
Vest, Niles L., a-So Payson
Vest, William Velay, e-S Mona
Vick, Jack, c-Sp Provo
Vick, Virginia, c-Un Provo
Vincent, Paul V., ap-F Provo
Vincent, Rowe H., c-S Provo
Vogel, Bertha, ss Provo
Wadley, Alexander, a-J Pleas. Grove
Wadley, LaVere J., ss Pleas. Grove
Wagstaff, David E., ap-F Am. Fork
Wagstaff, Dwane A., c-F
.....

	Salt Lake City	Westover, LaVada, ap-F	Mesa, Ariz.
Wakefield, G. Bruce, e-So		Westover, LaVada, fa-F	Mesa, Ariz.
	Huntington	Wheeler, Helen, e-F	Springville
Wakefield, Emma H., G	Provo	Whetten, Kate A., c-Sp	Provo
Wakefield, John Homer, ss-Sp	Provo	Whetten, Lester B., G-ss	Provo
Waldram, Ruth, ap-So		Whetten, Loren A., c-S	
	Sugar City, Idaho		Colonia Juarez, Chih., Mexico
Walker, Esther L., fa-Sp		Whimpey, David Wm., ap-F	Lehi
	Pleasant Grove	Whitaker, Susan M., a-So	Provo
Walker, J. Harris, a-So		White Deleen, fa-J	Morgan
	Raymond, Alberta, Canada	White, Fay F., fa-Sp	Provo
Walker, Jennie, e-So	Pleasant Grove	White, Faye, e-J	Payson
Walker, Jess R., e-J	Pleasant Grove	White, Florence, e-S	
Walker, Lorenzo S., ap-Sp			St. Anthony, Idaho
	Farmington	White, Sara, c-F	Morgan
Walker, Lois, a-F	Peoa	Whitehead, LeRoy, ss	Nephi
Walker, Muriel, ap-So	Pleas. Grove	Whiteley, Alicebeth, fa-F	
Walker, Paul K., ss	Nephi		Oakley, Idaho
Walker, Samuel, a-F	Pleasant Grove	Whiting, Leon, c-Un	Rupert, Idaho
Walker, Troy P., a-F	Durango, Colo.	Whiting, Quinn A., a-S	Mapleton
Wall, Alonzo E., e-ss	Goshen	Whiting, Ruth, e-So	Mapleton
Wallis, Muriel S., ss	Vernal	Whiting, Wm. Verl, c-F	Springville
Wangsgard, Keith, ss	Ogden	Whitlock, Loyd C., e-J	Mayfield
Wanlass, L. Glen, a-S	Lehi	Whitman, Jay, e-So	Lehi
Warner, Berenice, e-J	Grace, Idaho	Whitman, Laurence S., ss	
Warner, Clifford E., c-So			Mt. Pleasant
	Spanish Fork	Whitman, Lois R., e-F	Provo
Warner, Maline, c-F	Fillmore	Whitney, Lavina, c-F	
Warner, Max, a-So	Provo		Las Vegas, Nevada
Warner, Max R., c-F	Spanish Fork	Whittle, Cyril M., ss	Preston, Idaho
Warnick, Carl G., c-So	Provo	Whitwood, Kenneth R., a-F	
Warnick, Don C., c-ss	Provo		Spanish Fork
Warnick, Effie, G-ss	Pleasant Grove	Widdison, Hilda M., a-S	Paul, Idaho
Wasden, Howard A., ss		Widdison, Iretta, c-F	Paul, Idaho
	Las Vegas, Nevada	Wightman, Burnis W., c-F	Payson
Wasden, Kent H., e-So		Wignall, J. Joyd, a-F	Payson
	Las Vegas, Nevada	Wilcox, Carlyle W., ss	Pioche, Nev.
Washburn, DeMonte, fa-F	Monroe	Wilcox, Franklin R., ss	
Washburn, Don E., ss	Provo		Caliente, Nevada
Washburn, H. Clyde, a-So	Provo	Wilkins, Dell Sena, ss	Mesa, Ariz.
Washburn, Emily, e-So	Draper	Wilkins, Joseph R., ss	Mesa, Ariz.
Washburn, V. Fred, a-So-ss	Provo	Wilkinson, Elra, a-Sp	Ogden
Washburn, Jesse A., ss	Provo	Wilkinson, Glen A., c-S	Ogden
Washburn, Lydia, e-So	Blanding	Willey, Ivan R., a-So	Byron, Wyo.
Washburn, Myrl, e-F	Draper	Willey, Roy D., a-So	Byron, Wyo.
Washburn, J. Nile, ss	Provo	Williams, Alberta, a-J	Morgan
Washburn, Vernis, e-So	Blanding	Williams, Annie R., ss	Ogden
Waters, Moneice, ap-F	Spanish Fork	Williams, Lloyd B., fa-So-ss	Provo
Watkins, Nedra, c-F	Provo	Williams, Mark L., ss	Castle Dale
Watson, Henry R., G-ss	Ogden	Williams, Nephi L., ss	Castle Dale
Watts, J. Clayton, ss	Centerfield	Williams, Ray M., e-J	Castle Dale
Webb, Cecil E., a-F	Lehi	Williams, Russell S., ss-e-Sp	
Webb, Fred N., fa-S-ss	Provo		Columbia
Webb, Glenn, G	Provo	Williams, J. Walter, fa-F	Emery
Webb, John H., ap-So	Am. Fork	Willis, Emabel, e-F	Snowflake, Ariz.
Webb, Lynn R., c-So	Lehi	Wilson, Belva, e-J	Midway
Webb, Ross C., e-So	Castle Gate	Wilson, Bill W., a-So	Provo
Wedge, Virgil H., a-F		Wilson, Dale B., ap-J	Payson
	Caliente, Nevada	Wilson, Gladys S., a-Un	Payson
Weight, Bessie, ss	Springville	Wilson, J. Harold, c-S	Payson
Weight, Karl R., c-So	Springville	Wilson, Howard, ss	Payson
Weight, Kenneth E., G	Provo	Wilson, Jesse, e-So	Provo
Wells, Allen T., a-J-ss	Lehi	Wilson, Mabel, e-So	Provo
Wentz, Lorna C., fa-F	Provo	Wilson, Owen M., a-J	Provo
Wentz, Myrl, e-Sp-ss	Provo	Wilson, Woodrow S., a-Sp	Provo
West, Byron H., ap-F	Pleas. Grove	Wing, Arva D., e-So	Lehi
West, Gwyn, e-F	Pleasant Grove	Wing, John H., G	American, Fork
		Wing, Sherman Wm., a-So	Am. Fork

Winn, Ada, c-Sp _____ Vernal
Winn, Eden S., ed-Sp-ss _____ Castle Gate
Wing, Therese F., ss _____ Mt. Pleasant
Winterton, Olive E., ap-So _____ Provo
Winterton, Zelma E., ss _____ Provo
Wipf, Peter J., G _____ Provo
Wiscombe, Leland M., a-F _____ Roosevelt
Wiscombe, Morris Wm., ap-So _____ Provo
Wiscombe, Ronald J., e-J _____ Roosevelt
Wittwer, Reed, G _____ Santa Clara
Woffinden, Leta M., e-F _____
_____ Spanish Fork
Wolfley, Annie, e-Sp-ss _____ Etna, Wyo.
Wood, Lynne K., a-F _____ Helper
Woodhouse, Clara, fa-S _____ Beaver
Woodward, Emily T., Sp _____ Provo
Wooll, Anthony D., a-F _____ Provo
Woolston, Harold W., fa-S _____ Lehi
Workman, Lola, ap-F _____ Provo
Works, Maxine, c-F _____ Oasis
Worsley, Helen B., ap-J _____ Provo
Worsley, Sadie, G _____ Provo
Worthen, Ralph W., a-So _____ Provo
Wride, Prudence, ss _____ Benjamin
Wright, Beth A., a-S _____ Provo
Wright, I. Donald, a-So _____
_____ Pleasant Grove

Wright, Glade, a-J _____ Hinckley
Wright, Ianthus, ss _____ Hinckley
Wright, Lafayette, c-Un _____
_____ Pleasant Grove
Wright, Lynne A., c-J _____ Provo
Wyler, Geo. A., a-Sp _____ Payson
Yeaman, Mabel E., Sp. _____ Afton, Wyo.
Youd, Stella, e-J _____ Spanish Fork
Young, Clyn, e-F _____ Blanding
Young, Darroll P., a-So _____ Blanding
Young, Delbert H., ap-J _____ Salina
Young, Edith, a-J-ss _____ American Fork
Young, Erma, e-F _____ Heber
Young, Evelyn, e-F _____ Heber
Young, Helen, ap-F _____ Am. Fork
Young, Mildred L., e-So _____
_____ Idaho Falls, Idaho
Young, Newel K., ss _____ Richfield
Young, Rhoda J., ap-J _____ Salina
Young, Thelma M., fa-F _____
_____ Tucson, Arizona
Young, Theodore K., ap-F _____
_____ Idaho Falls, Idaho
Zager, Angela, ss _____ Hayden
Zumbrunnen, Naomi V., e-F _____ Coalville

Summary of Students for 1932-1933

Summary of Students for 1932-1933		
Graduates	94	
Seniors	215	
Juniors	255	
Sophomores	358	
Freshmen	558	
Specials	185	
Unmatriculated	45	
	<hr/>	1710
Summer School 1932:		
Graduates	164	
Other University Students	371	
	<hr/>	535
Correspondence and Extension Students..		363
Secondary Training School:		
Senior High School	83	
Junior High School	69	
	<hr/>	152
Elementary Training School.....		284
		<hr/>
		3044
		<hr/>
Less those counted more than once.....		142
Number receiving institutional credit.....		2902

Accounting and Business Administration	71
Administrative Officers	6
Admission	54
Agricultural Club	40
Agronomy	77
Alpha Kappa Psi	44
Animal Husbandry	82
Art	86
Associated Students	38
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College of Commerce	66
College of Education	66
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Credits	56
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Election of Studies	55
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Endowments	37
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English	125

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Enrollment of Students	295
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Faculty Forum	45
Fees	35
Finance and Banking	136
Foods and Nutrition	154
French	179
French, German and Spanish Clubs	41
Gamma Phi Omicron	41
General Requirements	54
Geology and Geography	138
German	176
Graduate Club	43
Graduate School	60
Graduates	286
Graduation	57
Group Requirements	58
Hebrew	183
History of University	30
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Instrumental Music	187
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Physical Education	193
Physics	209
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Presidents' Club	39
Psychology	220
Psychology Club	43
Refunds	36
Religious Education	225
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Social Unit Organization	39
Sociology	245
Spanish	181
Special Scientific Collections	52
Speech	251
Student Expenses	36
Studio Guild	42
Summer Session	69
Tau Kappa Alpha	44
Theory of Music	184
Theta Alpha Phi	44
Training Schools	277
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Y Chemical Society, The.....	44
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